



# XSL 1.1 Properties

name value *default* inherited  
<http://www.w3.org/xsl11/#name>

**absolute-position** auto | absolute | fixed | inherit *auto* **active-state** link | visited | active | hover | focus *no, a value is required* **alignment-adjust** auto | baseline | before-edge | text-before-edge | middle | central | after-edge | text-after-edge | ideographic | alphabetic | hanging | mathematical | <percentage> | <length> | inherit *auto* **alignment-baseline** auto | baseline | before-edge | text-before-edge | middle | central | after-edge | text-after-edge | ideographic | alphabetic | hanging | mathematical | inherit *auto* **allowed-height-scale** [ any | <percentage> ]\* | inherit *any* yes **allowed-width-scale** [ any | <percentage> ]\* | inherit *any* yes **auto-restore** true | false *false* yes **background** [<background-color> || <background-image> || <background-repeat> || <background-attachment> || <background-position> ] | inherit *not defined for shorthand properties* **background-attachment** scroll | fixed | inherit *scroll* **background-color** <color> | transparent | inherit *transparent* **background-image** <uri-specification> | none | inherit *none* **background-position** [ [<percentage> | <length> ]{1,2} ] [ [top | center | bottom] || [left | center | right] ] ] | inherit *0% 0%* **background-position-horizontal** <percentage> | <length> | left | center | right | inherit *0%* **background-position-vertical** <percentage> | <length> | top | center | bottom | inherit *0%* **background-repeat** repeat | repeat-x | repeat-y | no-repeat | inherit *repeat* **baseline-shift** baseline | sub | super | <percentage> | <length> | inherit *baseline* **blank-or-not-blank** blank | not-blank | any | inherit *any* **block-progression-direction** auto | <length> | <percentage> | <length-range> | inherit *auto* **border** [ <border-width> || <border-style> || [ <color> | transparent ] ] | inherit *see individual properties* **border-after-color** <color> | transparent | inherit *the value of the 'color' property* **border-after-precedence** force | <integer> | inherit *fo:table: 6, fo:table-cell: 5, fo:table-column: 4, fo:table-row: 3, fo:table-body: 2, fo:table-header: 1, fo:table-footer: 0* **border-after-style** <border-style> | inherit *none* **border-after-width** <border-width> | <length-conditional> | inherit *medium* **border-before-color** <color> | transparent | inherit *the value of the 'color' property* **border-before-precedence** force | <integer> | inherit *fo:table: 6, fo:table-cell: 5, fo:table-column: 4, fo:table-row: 3, fo:table-body: 2, fo:table-header: 1, fo:table-footer: 0* **border-before-style** <border-style> | inherit *none* **border-before-width** <border-width> | <length-conditional> | inherit *medium* **border-bottom** [ <border-width> || <border-style> || [ <color> | transparent ] ] | inherit *see individual properties* **border-bottom-color** <color> | transparent | inherit *the value of the 'color' property* **border-bottom-style** <border-style> | inherit *none* **border-bottom-width** <border-width> | inherit *medium* **border-collapse** collapse | collapse-with-precedence | separate | inherit *collapse* yes **border-color** [ <color> | transparent ]{1,4} | inherit *see individual properties* **border-end-color** <color> | transparent | inherit *the value of the 'color' property* **border-end-precedence** force | <integer> | inherit *fo:table: 6, fo:table-cell: 5, fo:table-column: 4, fo:table-row: 3, fo:table-body: 2, fo:table-header: 1, fo:table-footer: 0* **border-end-style** <border-style> | inherit *none* **border-end-width** <border-width> | <length-conditional> | inherit *medium* **border-left** [ <border-width> || <border-style> || [ <color> | transparent ] ] | inherit *see individual properties* **border-left-color** <color> | transparent | inherit *the value of the 'color' property* **border-left-style** <border-style> | inherit *none* **border-left-width** <border-width> | inherit *medium* **border-right** [ <border-width> || <border-style> || [ <color> | transparent ] ] | inherit *see individual properties* **border-right-color** <color> | transparent | inherit *the value of the 'color' property* **border-right-style** <border-style> | inherit *none* **border-right-width** <border-width> | inherit *medium* **border-separation** <length-bp-ip-direction> | inherit *.block-progression-direction="opt" .inline-progression-direction="opt" yes* **border-spacing** <length> <length>? | inherit *opt* yes **border-start-color** <color> | transparent | inherit *the value of the 'color' property* **border-start-precedence** force | <integer> | inherit *fo:table: 6, fo:table-cell: 5, fo:table-column: 4, fo:table-row: 3, fo:table-body: 2, fo:table-header: 1, fo:table-footer: 0* **border-start-style** <border-style> | inherit *none* **border-start-width** <border-width> | <length-conditional> | inherit *medium* **border-style** <border-style>{1,4} | inherit *see individual properties* **border-top** [ <border-width> || <border-style> || [ <color> | transparent ] ] | inherit *see individual properties* **border-top-color** <color> | transparent | inherit *the value of the 'color' property* **border-top-style** <border-style> | inherit *none* **border-top-width** <border-width> | inherit *medium* **border-width** <border-width>{1,4} | inherit *see individual properties* **bottom** <length> | <percentage> | auto | inherit *auto* **break-after** auto | column | page | even-page | odd-page | inherit *auto* **break-before** auto | column | page | even-page | odd-page | inherit *auto* **caption-side** before | after | start | end | top | bottom | left | right | inherit *before* yes **case-name** <name> *none, a value is required* **case-title** <string> *none, a value is required* **change-bar-class** <name> *none, value required* **change-bar-color** <color> *the value of the color property* yes **change-bar-offset** <length> *6pt* yes **change-bar-placement** start | end | left | right | inside | outside | alternate *start* yes **change-bar-style** <border-style> *none* yes **change-bar-width** <border-width> *medium* yes **character** <character> *N/A, value is required* **clear** start | end | left | right | inside | outside | both | none | inherit *none* **clip** <shape> | auto | inherit *auto* **color** <color> | inherit *depends on user agent* yes **color-profile-name** <name> | inherit *N/A, value is required* **column-count** <number> | inherit *1* **column-gap** <length> | <percentage> | inherit *12.opt* **column-number** <number> *see prose* **column-width** <length> | <percentage> *see prose* **content-height** auto | scale-to-fit | scale-down-to-fit | scale-up-to-fit | <length> | <percentage> | inherit *auto* **content-type** <string> | auto *auto* **content-width** auto | scale-to-fit | scale-down-to-fit | scale-up-to-fit | <length> | <percentage> | inherit *auto* **country** none | <country> | inherit *none* yes **cue** <cue-before> || <cue-after> | inherit *not defined* **destination-placement-offset** <length> *opt* **direction** ltr | rtl | inherit *ltr* yes **display-align** auto | before | center | after | inherit *auto* yes **dominant-baseline** auto | use-script | no-change | reset-size | ideographic | alphabetic | hanging | mathematical | central | middle | text-after-edge | text-before-edge | inherit *auto* **empty-cells** show | hide | inherit *show* yes **end-indent** <length> | <percentage> | inherit *opt* yes **ends-row** true | false *false* **extent** <length> | <percentage> | inherit *0.opt* **external-destination** empty string | <uri-specification> *empty string* **float** before | start | end | left | right | inside | outside | none | inherit *none* **flow-map-name** <name> *none, a value is required* **flow-map-reference** <name> *see prose* **flow-name** <name> *an empty name* **flow-name-reference** <name> *none, a value is required* **font** [ [ <font-style> || <font-variant> || <font-weight> ]? <font-size> [ / <line-height> ]? <font-family> ] | caption | icon | menu | message-box | small-caption | status-bar | inherit *see individual properties* yes **font-family** [ [ <family-name> | <generic-family> ], ]\* [ <family-name> | <generic-family> ] | inherit *depends on user agent* yes **font-selection-strategy** auto | character-by-character | inherit *auto* yes **font-size** <absolute-size> | <relative-size> | <length> | <percentage> | inherit *medium* computed value **font-size-adjust** <number> | none | inherit *none* yes **font-stretch** normal | wider | narrower | ultra-condensed | extra-condensed | condensed | semi-condensed | semi-expanded | expanded | extra-expanded | ultra-expanded | inherit *normal* yes **font-style** normal | italic | oblique | backslant | inherit *normal* yes **font-variant** normal | small-caps | inherit *normal* yes **font-weight** normal | bold | bolder | lighter | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | inherit *normal* yes **force-page-count** auto | even | odd | end-on-even | end-on-odd | no-force | inherit *auto* **format** <string> *1* **glyph-orientation-horizontal** <angle> | inherit *odeg* yes **glyph-orientation-vertical** auto | <angle> | inherit *auto* yes **grouping-separator** <character> *no separator* **grouping-size** <number> *no grouping* **height** <length> | <percentage> | auto | inherit *auto* **hyphenate** false | true | inherit *false* yes **hyphenation-character** <character> | inherit *U+2010* yes **hyphenation-keep** auto | column | page | inherit *auto* yes **hyphenation-ladder-count** no-limit | <number> | inherit *no-limit* yes

**hyphenation-push-character-count** <number> | inherit 2 yes **hyphenation-remain-character-count** <number> | inherit 2 yes **id** <id> *see prose* no **index-class** <string> *empty string*  
**index-key** <string> *none* **indicate-destination** true | false *false* **initial-page-number** auto | auto-odd | auto-even | <number> | inherit *auto* **inline-progression-dimension** auto |  
<length> | <percentage> | <length-range> | inherit *auto* **internal-destination** *empty string* | <idref> *empty string* **intrinsic-scale-value** <percentage> | inherit 100% yes **intrusion-**  
**displace** auto | none | line | indent | block | inherit *auto* yes **keep-together** <keep> | inherit *.within-line=auto, .within-column=auto, .within-page=auto* yes **keep-with-next** <keep> |  
inherit *.within-line=auto, .within-column=auto, .within-page=auto* **keep-with-previous** <keep> | inherit *.within-line=auto, .within-column=auto, .within-page=auto* **language** none |  
<language> | inherit *none* yes **last-line-end-indent** <length> | <percentage> | inherit *opt* yes **leader-alignment** none | reference-area | page | inherit *none* yes **leader-length** <length-  
range> | <percentage> | inherit *leader-length.minimum=opt, .optimum=12.opt, .maximum=100%* yes **leader-pattern** space | rule | dots | use-content | inherit *space* yes **leader-pattern-**  
**width** use-font-metrics | <length> | <percentage> | inherit *use-font-metrics* yes **left** <length> | <percentage> | auto | inherit *auto* **letter-spacing** normal | <length> | <space> | inherit  
*normal* yes **letter-value** auto | alphabetic | traditional *auto* **linefeed-treatment** ignore | preserve | treat-as-space | treat-as-zero-width-space | inherit *treat-as-space* yes **line-height**  
normal | <length> | <number> | <percentage> | <space> | inherit *normal* yes **line-height-shift-adjustment** consider-shifts | disregard-shifts | inherit *consider-shifts* yes **line-stacking-**  
**strategy** line-height | font-height | max-height | inherit *max-height* yes **margin** <margin-width>{1,4} | inherit *not defined for shorthand properties* **margin-bottom** <margin-width> |  
inherit *opt* **margin-left** <margin-width> | inherit *opt* **margin-right** <margin-width> | inherit *opt* **margin-top** <margin-width> | inherit *opt* **marker-class-name** <name> *an empty name*  
**master-name** <name> *an empty name* **master-reference** <name> *an empty name* no, a value is required **max-height** <length> | <percentage> | none | inherit *none* **maximum-repeats**  
<number> | no-limit | inherit *no-limit* **max-width** <length> | <percentage> | none | inherit *none* **media-usage** auto | paginate | bounded-in-one-dimension | unbounded *auto* **merge-**  
**pages-across-index-key-references** merge | leave-separate *merge* yes **merge-ranges-across-index-key-references** merge | leave-separate *merge* yes **merge-sequential-page-numbers**  
merge | leave-separate *merge* yes **min-height** <length> | <percentage> | inherit *opt* **min-width** <length> | <percentage> | inherit *depends on UA* **number-columns-repeated** <number>  
1 **number-columns-spanned** <number> 1 **number-rows-spanned** <number> 1 **odd-or-even** odd | even | any | inherit *any* **orphans** <integer> | inherit 2 yes **overflow** visible | hidden |  
scroll | error-if-overflow | repeat | auto | inherit *auto* **padding** <padding-width>{1,4} | inherit *not defined for shorthand properties* **padding-after** <padding-width> | <length-conditional> |  
inherit *opt* **padding-before** <padding-width> | <length-conditional> | inherit *opt* **padding-bottom** <padding-width> | inherit *opt* **padding-end** <padding-width> | <length-conditional> |  
inherit *opt* **padding-left** <padding-width> | inherit *opt* **padding-right** <padding-width> | inherit *opt* **padding-start** <padding-width> | <length-conditional> | inherit *opt* **padding-top**  
<padding-width> | inherit *opt* **page-break-after** auto | always | avoid | left | right | inherit *auto* **page-break-before** auto | always | avoid | left | right | inherit *auto* **page-break-inside**  
avoid | auto | inherit *auto* yes **page-citation-strategy** [ all | normal | non-blank | inherit *all* **page-height** auto | indefinite | <length> | inherit *auto* **page-number-treatment** link | no-link  
*no-link* yes **page-position** only | first | last | rest | any | inherit *any* **page-width** auto | indefinite | <length> | inherit *auto* **position** static | relative | absolute | fixed | inherit *static*  
**precedence** true | false | inherit *false* **provisional-distance-between-starts** <length> | <percentage> | inherit 24.*opt* yes **provisional-label-separation** <length> | <percentage> | inherit  
6.*opt* yes **reference-orientation** 0 | 90 | 180 | 270 | -90 | -180 | -270 | inherit 0 **ref-id** <idref> | inherit *none, value required* **ref-index-key** <string> *none, value required* **region-name** xsl-  
region-body | xsl-region-start | xsl-region-end | xsl-region-before | xsl-region-after | <name> *see prose* no, a value is required **region-name-reference** <name> *none, a value is required*  
**relative-align** before | baseline | inherit *before* yes **relative-position** static | relative | inherit *static* **rendering-intent** auto | perceptual | relative-colorimetric | saturation | absolute-  
colorimetric | inherit *auto* **retrieve-boundary** page | page-sequence | document *page-sequence* **retrieve-boundary-within-table** table | table-fragment | page *table* **retrieve-class-name**  
<name> *an empty name* **retrieve-position** first-starting-within-page | first-including-carryover | last-starting-within-page | last-ending-within-page *first-starting-within-page* **retrieve-**  
**position-within-table** first-starting | first-including-carryover | last-starting | last-ending *first-starting* **right** <length> | <percentage> | auto | inherit *auto* **role** <string> | <uri-  
specification> | none | inherit *none* **rule-style** none | dotted | dashed | solid | double | groove | ridge | inherit *solid* yes **rule-thickness** <length> 1.*opt* yes **scale-option** width | height |  
inherit *width* yes **scaling** uniform | non-uniform | inherit *uniform* **scaling-method** auto | integer-pixels | resample-any-method | inherit *auto* **score-spaces** true | false | inherit *true* yes  
**script** none | auto | <script> | inherit *auto* yes **show-destination** replace | new *replace* **size** <length>{1,2} | auto | landscape | portrait | inherit *auto* N/A [XSL:no, is optional] **source-**  
**document** <uri-specification> [<uri-specification>]\* | none | inherit *none* **space-after** <space> | inherit *space.minimum=opt, .optimum=opt, .maximum=opt, .conditionality=discard,*  
*.precedence=0* **space-before** <space> | inherit *space.minimum=opt, .optimum=opt, .maximum=opt, .conditionality=discard, .precedence=0* **space-end** <space> | <percentage> | inherit  
*space.minimum=opt, .optimum=opt, .maximum=opt, .conditionality=discard, .precedence=0* **space-start** <space> | <percentage> | inherit *space.minimum=opt, .optimum=opt,*  
*.maximum=opt, .conditionality=discard, .precedence=0* **span** none | all | inherit *none* **src** <uri-specification> | inherit *none, value required* **start-indent** <length> | <percentage> | inherit  
*opt* yes **starting-state** show | hide *show* **starts-raw** true | false *false* **suppress-at-line-break** auto | suppress | retain | inherit *auto* **switch-to** xsl-preceding | xsl-following | xsl-any |  
<name>[<name>]\* *xsl-any* **table-layout** auto | fixed | inherit *auto* **table-omit-footer-at-break** true | false *false* **table-omit-header-at-break** true | false *false* **target-presentation-**  
**context** use-target-processing-context | <uri-specification> *use-target-processing-context* **target-processing-context** document-root | <uri-specification> *document-root* **target-**  
**stylesheet** use-normal-stylesheet | <uri-specification> *use-normal-stylesheet* **text-align** start | center | end | justify | inside | outside | left | right | <string> | inherit *start* yes **text-align-last**  
relative | start | center | end | justify | inside | outside | left | right | inherit *relative* yes **text-altitude** use-font-metrics | <length> | <percentage> | inherit *use-font-metrics* **text-decoration**  
none | [ [ underline | no-underline ] | [ overline | no-overline ] ] | [ line-through | no-line-through ] ] | [ blink | no-blink ] ] | inherit *none* no, but see prose **text-depth** use-font-metrics |  
<length> | <percentage> | inherit *use-font-metrics* **text-indent** <length> | <percentage> | inherit *opt* yes **text-shadow** none | [<color> || <length> <length> <length>? ],\* [<color> ||  
<length> <length> <length>? ] | inherit *none* no, see prose **text-transform** capitalize | uppercase | lowercase | none | inherit *none* yes **top** <length> | <percentage> | auto | inherit *auto*  
**treat-as-word-space** auto | true | false | inherit *auto* **unicode-bidi** normal | embed | bidi-override | inherit *normal* **vertical-align** baseline | middle | sub | super | text-top | text-bottom |  
<percentage> | <length> | top | bottom | inherit *baseline* **visibility** visible | hidden | collapse | inherit *visible* yes **white-space** normal | pre | nowrap | inherit *normal* yes **white-space-**  
**collapse** false | true | inherit *true* yes **white-space-treatment** ignore | preserve | ignore-if-before-linefeed | ignore-if-after-linefeed | ignore-if-surrounding-linefeed | inherit *ignore-if-*  
*surrounding-linefeed* yes **widows** <integer> | inherit 2 yes **width** <length> | <percentage> | auto | inherit *auto* **word-spacing** normal | <length> | <space> | inherit *normal* yes  
**wrap-option** no-wrap | wrap | inherit *wrap* yes **writing-mode** lr-tb | rl-tb | tb-rl | tb-lr | bt-lr | bt-rl | lr-bt | rl-bt | lr-alternating-rl-bt | lr-alternating-rl-tb | lr-inverting-rl-bt | lr-  
inverting-rl-tb | tb-lr-in-lr-pairs | lr | rl | tb | inherit *lr-tb* yes (see prose) **xml:lang** <language-country> | inherit *not defined* yes **z-index** auto | <integer> | inherit *auto* no