

# SVG <text>: writing-mode & text-orientation

writing-mode: vertical-rl/vertical-lr on an SVG <text> root advances the pen down the column instead of along a line; text-orientation classifies each glyph (mixed, the default) or forces one answer for every glyph (upright/sideways) - CJK reads upright, Latin/digits rotate 90°, the same Unicode Vertical\_Orientation classification the HTML pipeline uses. (docs/supported-svg-features.md)

## 1 — text-orientation: mixed, upright & sideways

|                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| mixed (default): CJK upright, Latin/digits rotated                                | upright: every glyph upright                                                       | sideways: every glyph rotated                                                       |

## 2 — vertical-rl vs vertical-lr, and a rotated fill gradient

|                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| vertical-rl                                                                       | vertical-lr                                                                        | gradient fill on a rotated (Latin) run                                              |