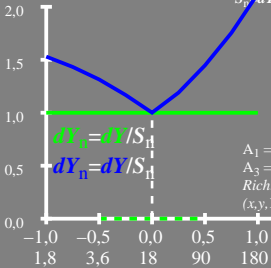


$$[dY]/dY = \Delta E^*_{00} / \Delta E^*_{ab}$$

$$dY = A_1 [1 + A_2/A_1 Y]$$

$$S_r = dY_{CIELAB} / dY_{JND} = 5.9$$



$x_r$	$dY_n$	$Y$
-1.0	0.033	1.8
-0.5	0.059	5.6
0.0	0.139	18.0
0.5	0.394	56.9
1.0	1.198	180

$$A_2/A_1 = 0.298$$

$$A_1 = 0.0219 \quad A_2 = 0.0065$$

$$A_3 = 1.179 \quad A_4 = 1.685$$

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$$(x,y,Y)_u = (0,33, 0,36, 18)$$

$$x_r = \log[Y/Y_{18}]$$