

$[dY]/dY$

2,0

1,5

1,0

0,5

0,0

-1,0

-0,5

0,0

0,5

1,0

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

1,8

3,6

18

90

180

Y

$dY_n = dY/S_n$

$dY_n = dY/S_n$

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

$S_n = dY_{\text{CIELAB}}/dY_{\text{JND}} = 6.6$

x_r	dY_n	Y
-1.0	0.047	1.8
-0.5	0.065	5.6
0.0	0.124	18.0
0.5	0.31	56.9
1.0	0.896	180

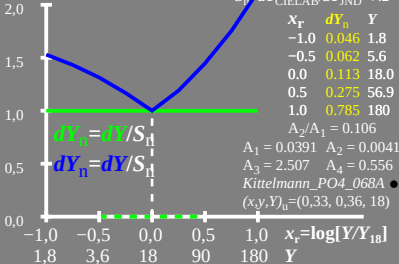
$A_2/A_1 = 0.1226$

$A_1 = 0.0388 \quad A_2 = 0.0047$

Kittelmann_PO2_017A ●

$(x, y, Y)_u = (0.33, 0.36, 18)$

$[dY]/dY$



$[dY]/dY$

2,0

1,5

1,0

0,5

0,0

-1,0

-0,5

0,0

0,5

1,0

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

1,8

3,6

18

90

180

Y

$dY_n = dY/S_n$

$dY_n = dY/S_n$

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

$S_n = dY_{\text{CIELAB}}/dY_{\text{JND}} = 8.4$

x_r	dY_n	Y
-1.0	0.041	1.8
-0.5	0.054	5.6
0.0	0.097	18.0
0.5	0.231	56.9
1.0	0.657	180

$A_2/A_1 = 0.0986$

$A_1 = 0.035$ $A_2 = 0.0034$

$A_3 = 1.141$ $A_4 = 0.853$

$A_5 = 0.2362$ Kittelmann_PO5_392A ●

$(x, y, Y)_u = (0.33, 0.36, 18)$