

$\log(\Delta Y/\Delta Y_u)$

LABJNDu8 relative

Normfarbwertdifferenz

$Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$

$\Delta Y/\Delta Y_u$

2
100

$$t^*_{LABJNDu8} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t^*_{LABJNDu8} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$dY/dY_u = (A_{1n} + A_{2u}x) / (A_{1n} + A_{2u})$$

1
10

$$dY_{90}/dY_u = 4,43, A_{0n} = 1,0, A_{2u} = 0,0699, c_x = 0,67$$

$$dY_{18}/dY_u = 1,00, A_{1n} = 0,011, A_{2u} = 0,0038$$

$$dY_{3,6}/dY_u = 0,31, Y_u = 18, dY_u = 0,08$$

0
1

$$t^*_u = 744, dY_u = 0,08, dY_{18}/dY_u = 0,0045$$

$$\log[(dY)/(dY)_u] = 0, c_u = 0,56$$

Anwendungsbereich

0,1

1

10

100

$x_u = 1$

y

-1

$x_N = 0,2$

1

$x_W = 5$

2

$\log(Y)$