

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

LABJNDu4 relative
Normfarbwertdifferenz

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

$\Delta Y/\Delta Y_u$

2 100

$$l^*_{LABJNDu4} = \ln(A_{1n} + A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{LABJNDu4} = \ln(A_{1n} + A_{2u}x)/(A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

$$1 \quad 10 \quad dY_{90}/dY_u = 4,74, A_{0n} = 1,5, A_{2u} = 0,1044, c_x = 0,42$$

$$dY_{18}/dY_u = 1,00, A_{1n} = 0,007, A_{2n} = 0,0058$$

$$dY_{3,6}/dY_u = 0,25, Y_u = 18, dY_u = 0,16$$

$$l^*_u = 332, dY_u = 0,16, dY_u/Y_u = 0,0092$$

$$\log[(dY)/(dY)_u] = 0, m_u = 0,93$$

Anwendungsbereich

0,1

1

10

100 Y

-1 -2 1 0 x_N=0,2 1 x_W=5 2 log(Y)