

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

LABJNDu9 relative

Normfarbwertdifferenz

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

$\Delta Y/\Delta Y_u$

2
100

$$t^*_{LABJNDu9} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t^*_{LABJNDu9} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

1
10

0
1
 $t^*_u = 791, dY_u = 0,09, dY_u/Y_u = 0,0050$

$\log[(dY)/(dY)_u] = 0, m_u = 0,73$

Anwendungs-
bereich

0,1

1

10

100

$x_u = 1$

y

-1

-1

0

$x_N = 0,2$

1

$x_W = 5$

2

$\log(Y)$