

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

LABJNDu7 relative

Normfarbwertdifferenz

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

$\Delta Y/\Delta Y_u$

2  
100

$$t^*_{LABJNDu7} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t^*_{LABJNDu7} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

1  
10

$$t^*_u = 332, dY_u = 0,17, dY_u/Y_u = 0,0098$$

$$\log[(dY)/(dY)_u] = 0, x_u = 0,58$$

Anwendungsbereich

0,1

1

10

$x_u=1$

100

$y$

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