

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

IECsRGBu7 relative
Normfarbwertdifferenz

$$Y_{nc} = L^* \mathbf{w}_{RGB} \mathbf{B}_{nc} = 100, \text{ 52, 87, 31}$$

$$T^*_{IECsRGBu7} = 50 (Y/Y_u)^{1/2,0} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log(dY/dY_u) = [1 - (1/2,0)] \log(Y/Y_u)$$

2
100

$$dY_{90}/dY_u = 2,23, \gamma = 2,0, 1/\gamma = 1/2,0 = 0,50$$

$$dY_{18}/dY_u = 1,00, S_n = 50,00, D_n = -0,00$$

$$dY_{3,6}/dY_u = 0,44, Y_u = 18, dY_u = 4,00$$

1
10

$$T^*_u = 50, dY_u = 4,00, dY_u/Y_u = 0,2222$$

$$\log[(dY)/(dY)_u] = 0, m_u = 0,49$$

0
1

Anwendungs-
bereich

0,1

10

1

100

Y

-1

0

Y_N = 3,6

1

Y_W = 90

2

log(Y)