

$\log [(\Delta Y/Y) / (\Delta Y/Y)_u]$

**TUBsRGB-Y-Empfindlichkeit  
normiert für  $(\Delta Y/Y)_u$**

$$S_r/S_{ru} = (\Delta Y/Y) / (\Delta Y/Y)_u$$

2 **100**  $L^* = s (Y/Y_n)^n - d \quad (Y_n=100, Y_u=18, s=100, n=1/\ln(10), d=0)$  [1a]

$$L^* = r (Y/Y_u)^n - d \quad (r = s (Y_u/Y_n)^n = 47,48, L^*_u = r - d)$$
 [1b]

$$dY/Y = [ (Y_n / (n s)) ] (Y/Y_n)^{1-n} / Y$$
 [3c]

$$(dY/Y)_u = [ (Y_n / (n s)) ] (Y_u/Y_n)^{1-n} / Y_u$$
 [3d]

1 **10**  $(dY/Y) / (dY/Y)_u = (Y/Y_u)^{-n}$  [3e]

$$\log [(dY/Y) / (dY/Y)_u] = (-n) \log(Y/Y_u)$$
 [3f]

**0,568**

0  $m_{nu} = -n = -0,434$

**1**  $m_u = -0,434$

Anwendungsbereich

**-0,300**

**-0,603**

**0,1**

**1**

**10**

**100**  $Y_u=18$

$\log Y$