

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

CIE Y-Empfindlichkeit
normiert für $\Delta Y_u/Y_u$

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

2 **100** $L^* = 116 (Y/Y_n)^{1/3} - 16 \quad (Y_n=100, 1 \leq Y \leq 100)$ [1f]

$$dY/Y = (3/116) \cdot (Y/Y_n)^{2/3}$$
 [2f]

$$dY/Y = c \cdot Y^{-1/3}$$
 [3f]

$$dY/Y = d \cdot (Y/Y_u)^{-1/3}$$
 [4f]

c = 0,120 **d = 0,824** [5f]

0,421

0 **1** $\log[(dY/Y)_u / (dY/Y)_u] = 0, m_u = 0,33$
 $Y_u = 18, dY_u = 0,83, (dY/Y_u) = 0,045$

-0,244 Anwendungsbereich

0,1

1

10

100

$Y_u = 18 \quad 100 \quad Y$

-1 -2 -1 0 1 2 $\log Y$