

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

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

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

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

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

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

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

1 **10**  $c = 0,120 \quad d = 0,824 \quad [5f]$

2,640

0 **1**  $\log[(dY/Y)_u / (dY/Y)_u] = 0, m_u = -0,33$

$$Y_u = 18, dY_u = 0,83, (dY/Y_u) = 0,045$$

0,568

Anwendungsbereich

$$Y_u = 18 \quad 100 \quad Y$$

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