

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

IECsRGBu5 relative  
tristimulus value difference  
 $Y_{nc}=Y_W$  **RGBnc=100, 21, 72, 7**

$\Delta Y/\Delta Y_u$

2 100

$$t^*_{IECsRGBu5} = 50(Y/Y_u)^{1/2,4} \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log(dY/dY_u) = [1 - (1/2,4)] \log(Y/Y_u)$$

1 10

$$dY_{90}/dY_u = 2,55, \gamma = 2,4, 1/\gamma = 1/2,4 = 0,41$$

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

$$dY_{3,6}/dY_u = 0,39, Y_u = 18, dY_u = 4,80$$

0 1

$$t^*_{u} = 50, dY_u = 4,80, dY_u/Y_u = 0,2666$$

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

application range

-1 0,1

-2 -1



$Y_u=18 \quad 100 \quad Y$

$Y_N=3,6 \quad 1 \quad Y_W=90 \quad 2 \quad \log(Y)$