

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

IECsRGBu5 relative
tistimulus value sensitivity

$$Y_{nc}=Y_{WRGBnc}=100, \text{red}, \text{green}, \text{blue}$$

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

2 100

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

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

1 10

$$(dY/Y)_{90}/(dY/Y)_u=0,51, \gamma=2,4, 1/\gamma=1/2,4=0,41$$

$$(dY/Y)_{18}/(dY/Y)_u=1,00, S_n=50,00, D_n=-0,00$$

$$(dY/Y)_{3,6}/(dY/Y)_u=1,95, Y_u=18, dY_u=4,80$$

application
range

0 1

$$\log[(dY/Y)/(dY/Y)_u]=0, m_u=-0,41$$

$$t^*_u=50, dY_u=4,80, dY_u/Y_u=0,2666$$

0,1

1

10

100

$Y_u=18$

Y

-1

0

1

2

$Y_N=3,6$

$Y_W=90$

$\log(Y)$