

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

IECsRGBu7 relative  
tristimulus value difference

$Y_{nc}=L^*_{WRGBnc}=100, \textcolor{red}{52}, \textcolor{blue}{87}, \textcolor{green}{31}$

$\Delta Y/\Delta Y_u$

2·100

$T^*_{IECsRGBu7}=50(Y/Y_u)^{1/2,0} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(dY/dY_u) = [1-(1/2,0)] \log(Y/Y_u)$

1·10

0·1

$T^*_{u}=50, dY_u=4,00, dY_u/Y_u=0,2222$

$\log[(dY)/(dY)_u]=0, m_u=0,49$

application  
range

-2 -1 0,1 10 1  $Y_u=18$  100  $Y$

0 1  $Y_N=3,6$  2  $Y_W=90$   $\log(Y)$