

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

IECsRGBu7 relative  
tristimulus value difference

$Y_{nc} = Y_W$  **R** **G** **B**  $nc = 100, 21, 72, 7$

$\Delta Y/\Delta Y_u$

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

0,1

1

10

$Y_u = 18$  100  $Y$

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

$Y_N = 3,6$  1

$Y_W = 90$  2