

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

LABJNDu3 relative  
Normfarbwertdifferenz

$$Y_{nc} = L^* w_{RGB} nc = 100, 52, 87, 31$$

$\Delta Y/\Delta Y_u$

2 100

$$L^*_{LABJNDu3} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{LABJNDu3} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$dY/dY_u = (A_{1n} + A_{2u}x) / (A_{1n} + A_{2u})$$

1 10  $dY_{90}/dY_u = 4,43, A_{0n} = 1,0, A_{2u} = 0,0699, c_x = 0,67$

$$dY_{18}/dY_u = 1,00, A_{1n} = 0,011, A_{2n} = 0,0038$$

$$dY_{3,6}/dY_u = 0,31, Y_u = 18, dY_u = 0,08$$

0 1  $L^*_u = 744, dY_u = 0,08, dY_u/Y_u = 0,0045$

$$\log[(dY)/(dY)_u] = 0, m_u = 0,86$$

Anwendungsbereich

