

## **Production of *ICC Profiles* with absolute or relative gamma**

IEC 61966-2-1 defines an absolute gamma  $g_a$

ISO 9241-306 defines a relative gamma  $g_p = g_a / 2,4$

If gamma is decreasing, then display output appear lighter.

The computer operating system *Mac OS X V10.7.5*

allows a steering of the display output by the following options:

*Apple, System Proferences, Display, Color, Calibrate, Expert Mode*

After several *Continue* there is a ruler *Target Gamma*.

The Gamma can be changed continuously between  
the absolute Gamma  $g_a=1,0$  and  $g_a=2,6$ .

Then the contrast of the display output changes from low to high.

ISO 9241-306 defines the correponding contrast steps

$C_{YP1}$  for  $g_a = 1,2$  or  $g_p = 0,5$ .

$C_{YP8}$  for  $g_a = 2,4$  or  $g_p = 1,0$ .

The display output *Target Gamma* is shown in figure

AEX11-3N.PDF.