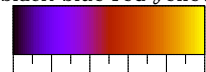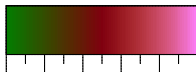Palettes according to 'help palette rgbformulae'

traditional pm3d
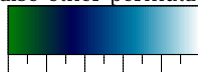(black-blue-red-yellow)

0   0.2 0.4 0.6 0.8   1

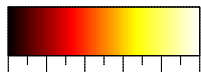green-red-violet

0   0.2 0.4 0.6 0.8   1

ocean (green-blue-white)
try also other permutations
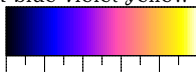
0   0.2 0.4 0.6 0.8   1
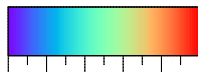
hot (black-red-yellow-white)

0   0.2 0.4 0.6 0.8   1

color printable on gray
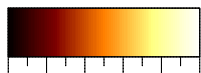(black-blue-violet-yellow-white)

0   0.2 0.4 0.6 0.8   1
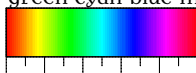
rainbow (blue-green-yellow-red)

0   0.2 0.4 0.6 0.8   1

AFM hot (black-red-yellow-white)
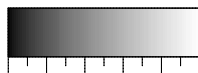
0   0.2 0.4 0.6 0.8   1

HSV model
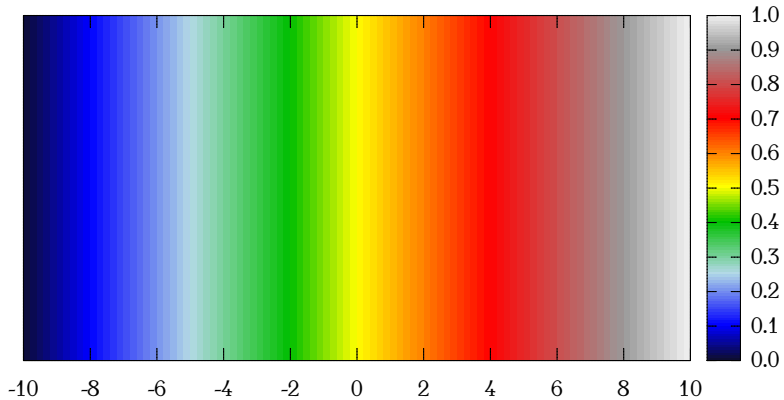(red-yellow-green-cyan-blue-magenta-red)

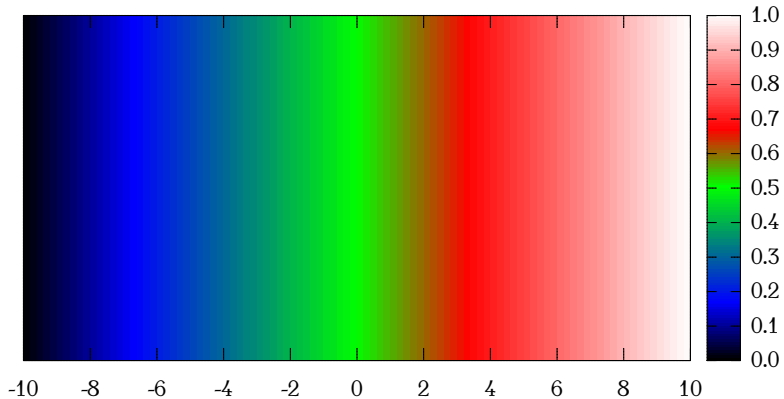0   0.2 0.4 0.6 0.8   1
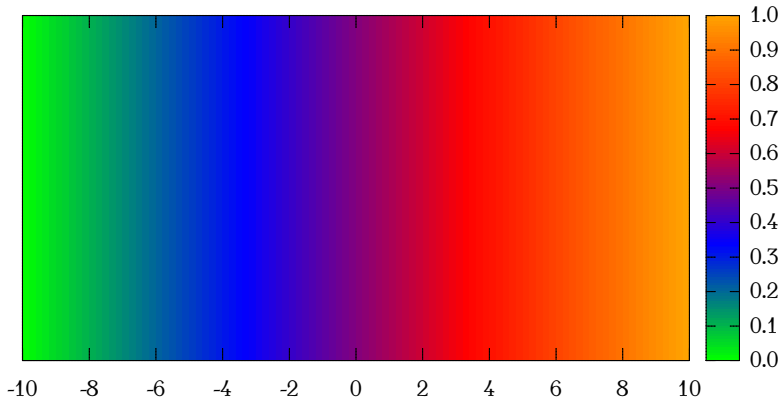
gray palette

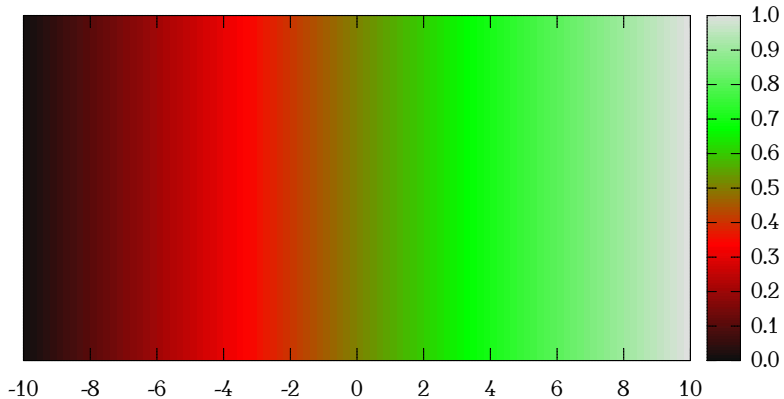0   0.2 0.4 0.6 0.8   1

set palette defined

set palette defined (0 0 0 0, 1 0 0 1, 3 0 1 0, 4 1 0 0, 6 1 1 1)
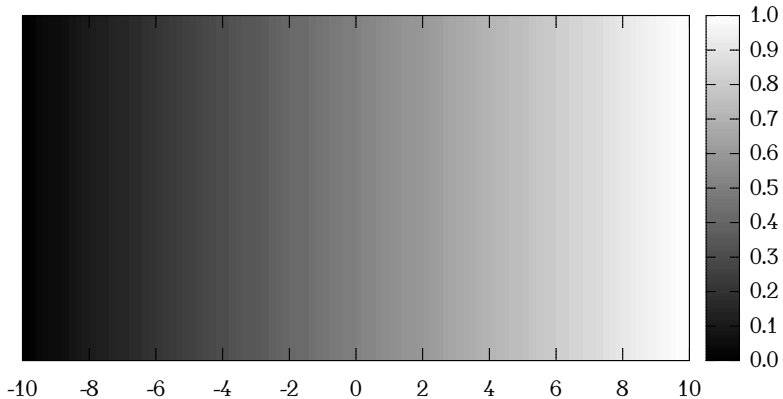
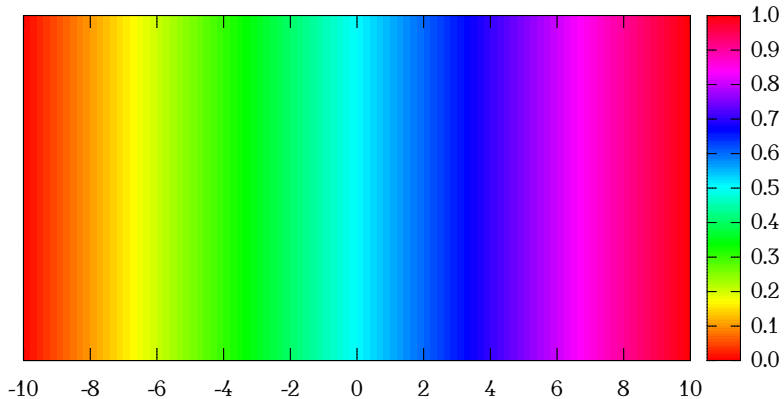set palette defined (0 "green", 1 "blue", 2 "red", 3 "orange")

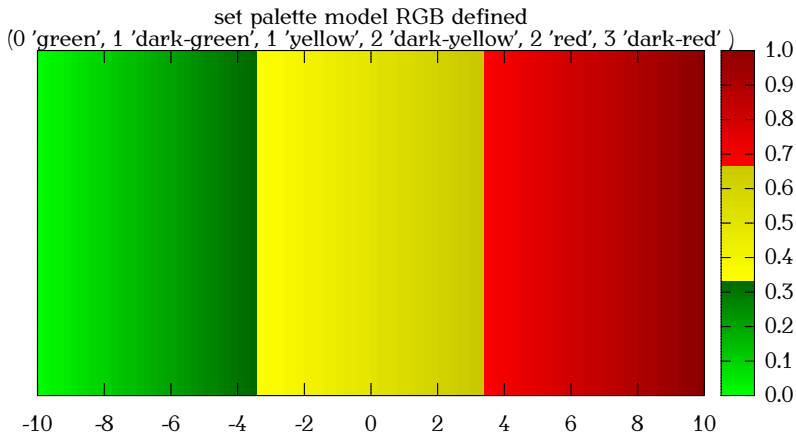set palette defined (20 "101010", 30 "ff0000", 40 "00ff00", 50 "e0e0e0")
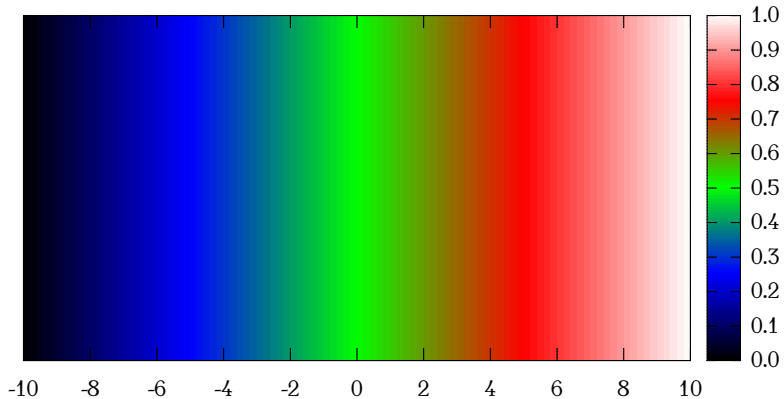
set palette defined (0 0 0 0, 1 1 1 1)

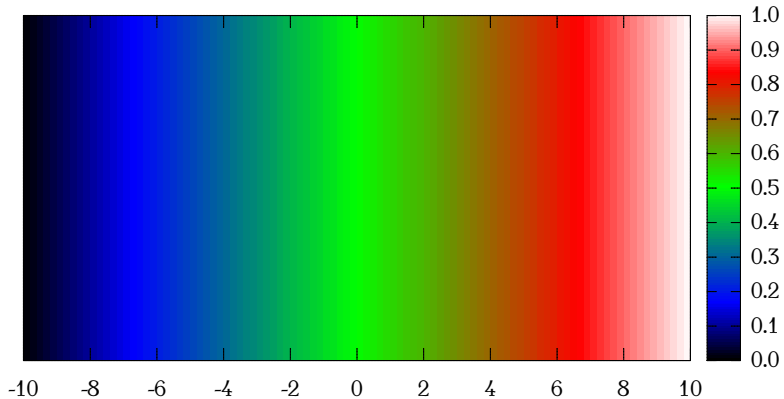set palette model HSV defined (0 0 1 1, 1 1 1 1)

set palette model RGB defined
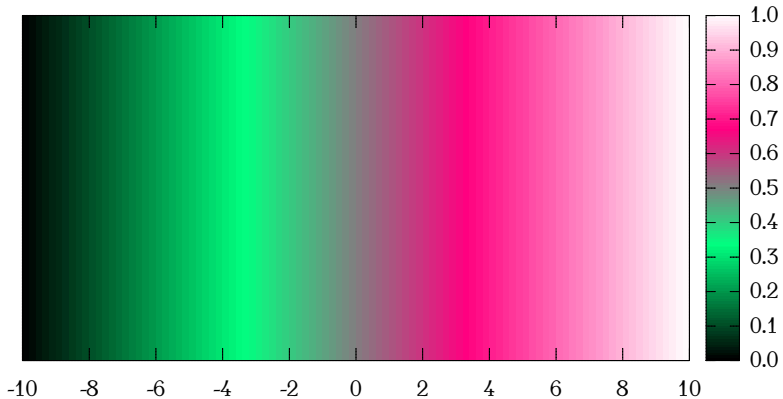(0 'green', 1 'dark-green', 1 'yellow', 2 'dark-yellow', 2 'red', 3 'dark-red')
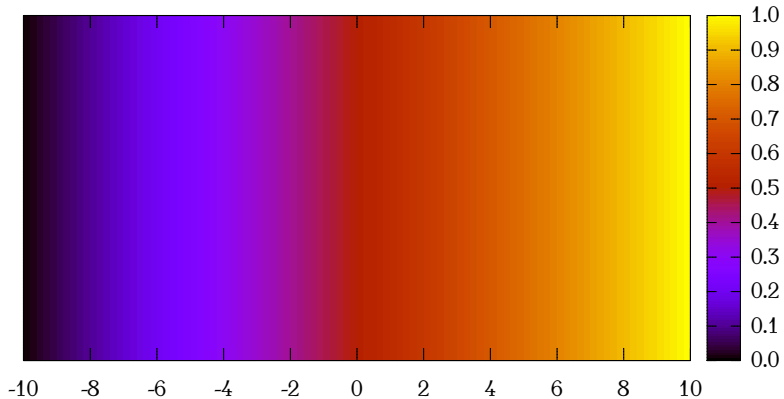
set palette file "-"(file with 3 columns)

set palette file "-"(file with 4 columns)

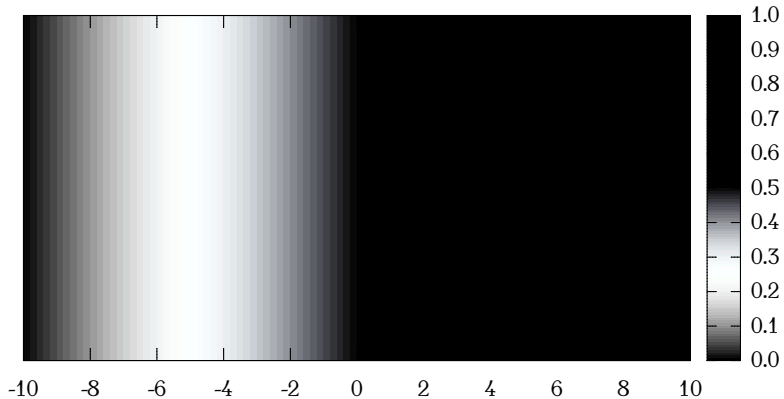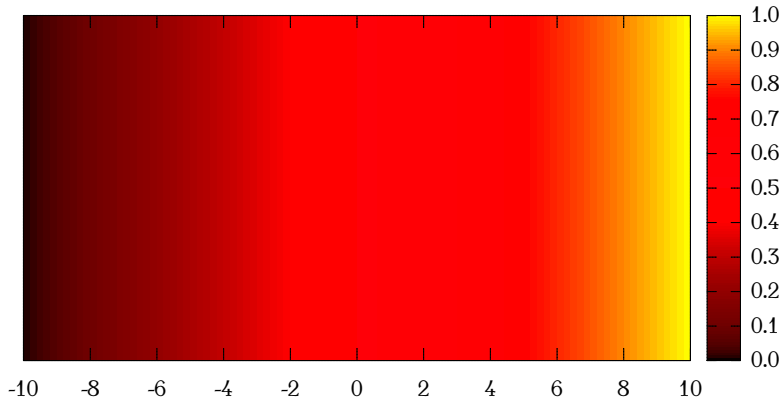set palette file "-"using 1:2:(1+2)/2
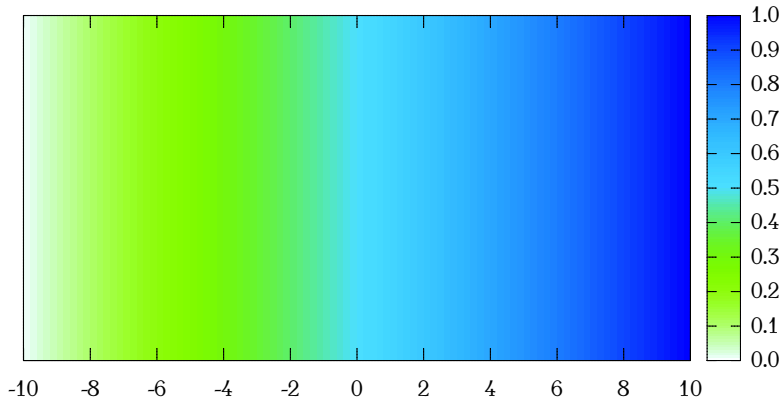
set palette model RGB rgbformulae 7,5,15

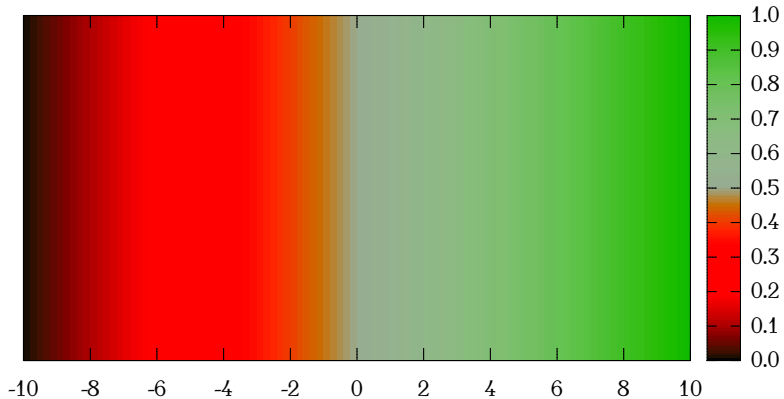set palette model HSV rgbformulae 7,5,15
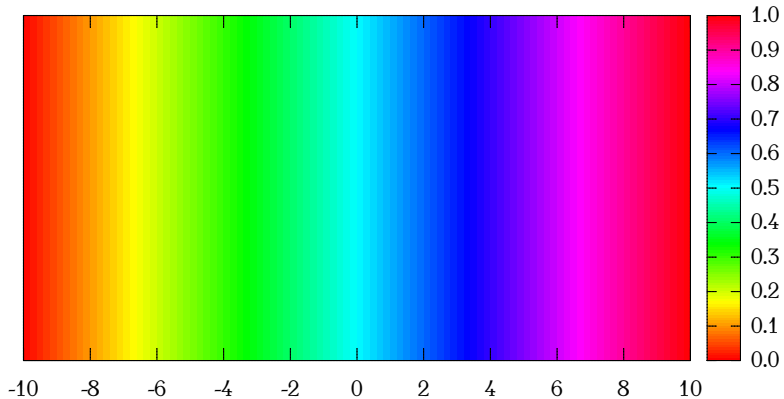
set palette model XYZ rgbformulae 7,5,15
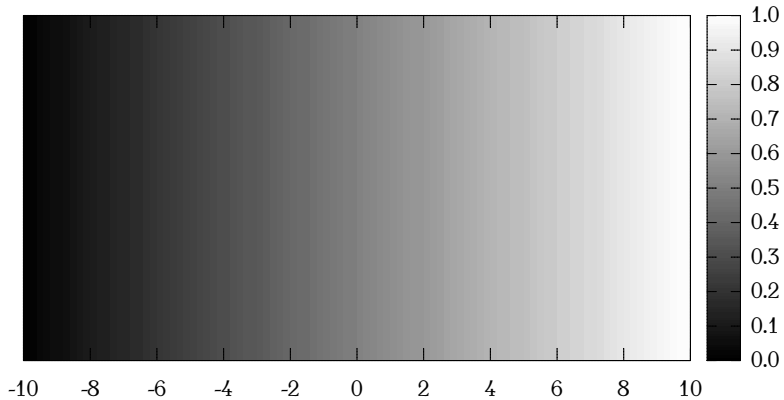
set palette model CMY rgbformulae 7,5,15
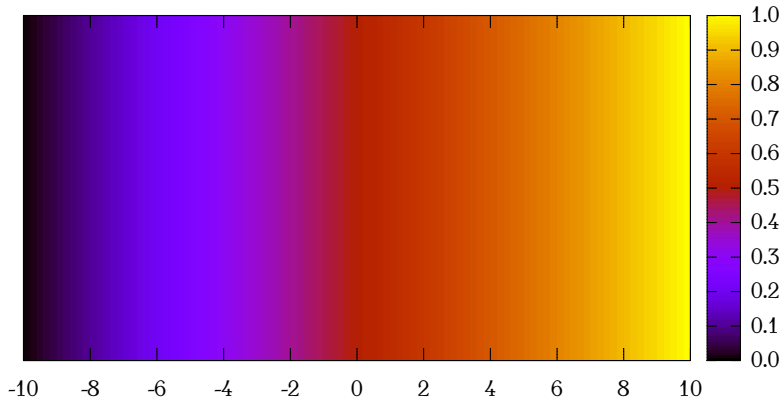
set palette model YIQ rgbformulae 7,5,15
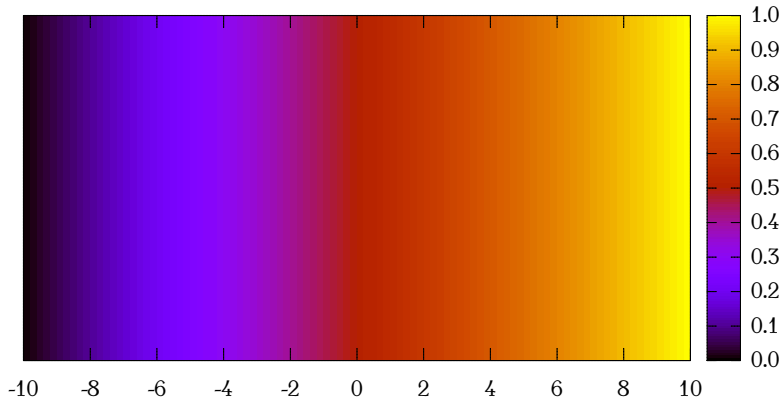
set palette model HSV rrgbformulae 3,2,2

set palette functions gray, gray, gray

set palette functions sqrt(gray), gray**3, sin(gray*2*pi) <-> 7,5,15

set palette rgbformulae 7,5,15

set palette model XYZ functions model XYZ gray**0.35, gray**0.5, gray**0.8

set palette model RGB functions
4*x*(1-theta(x-0.25)), 0.5*theta(x-0.25)*(1-theta(x-0.5)), x