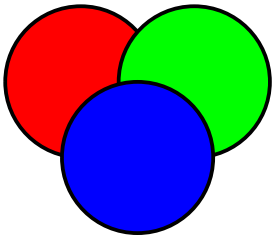
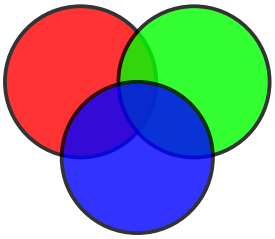
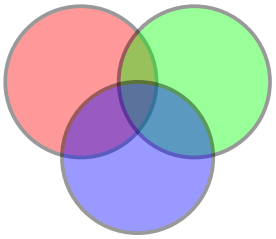
GRAPHIC STATE DEMO



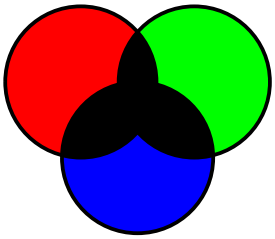
normal



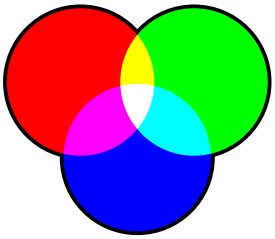
alpha fill = 0.8



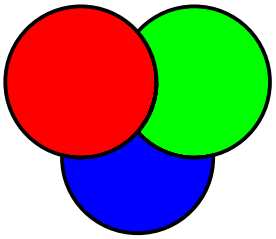
alpha fill = 0.4



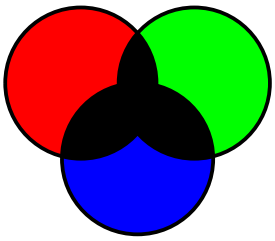
BM_MULTIPLY



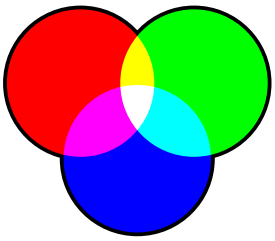
BM_SCREEN



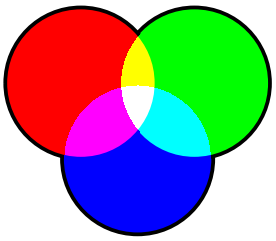
BM_OVERLAY



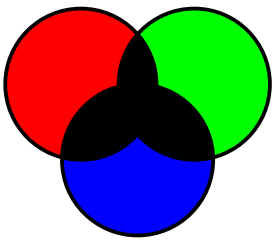
BM_DARKEN



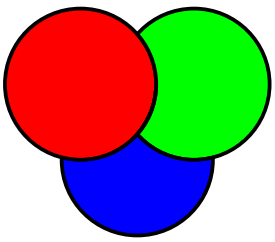
BM_LIGHTEN



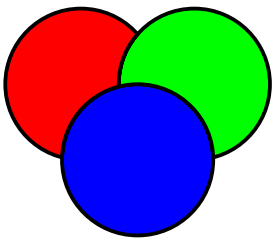
BM_COLOR_DODGE



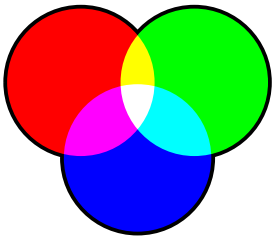
BM_COLOR_BURN



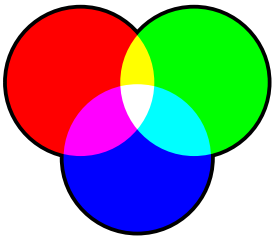
BM_SOFT_LIGHT



BM_HARD_LIGHT

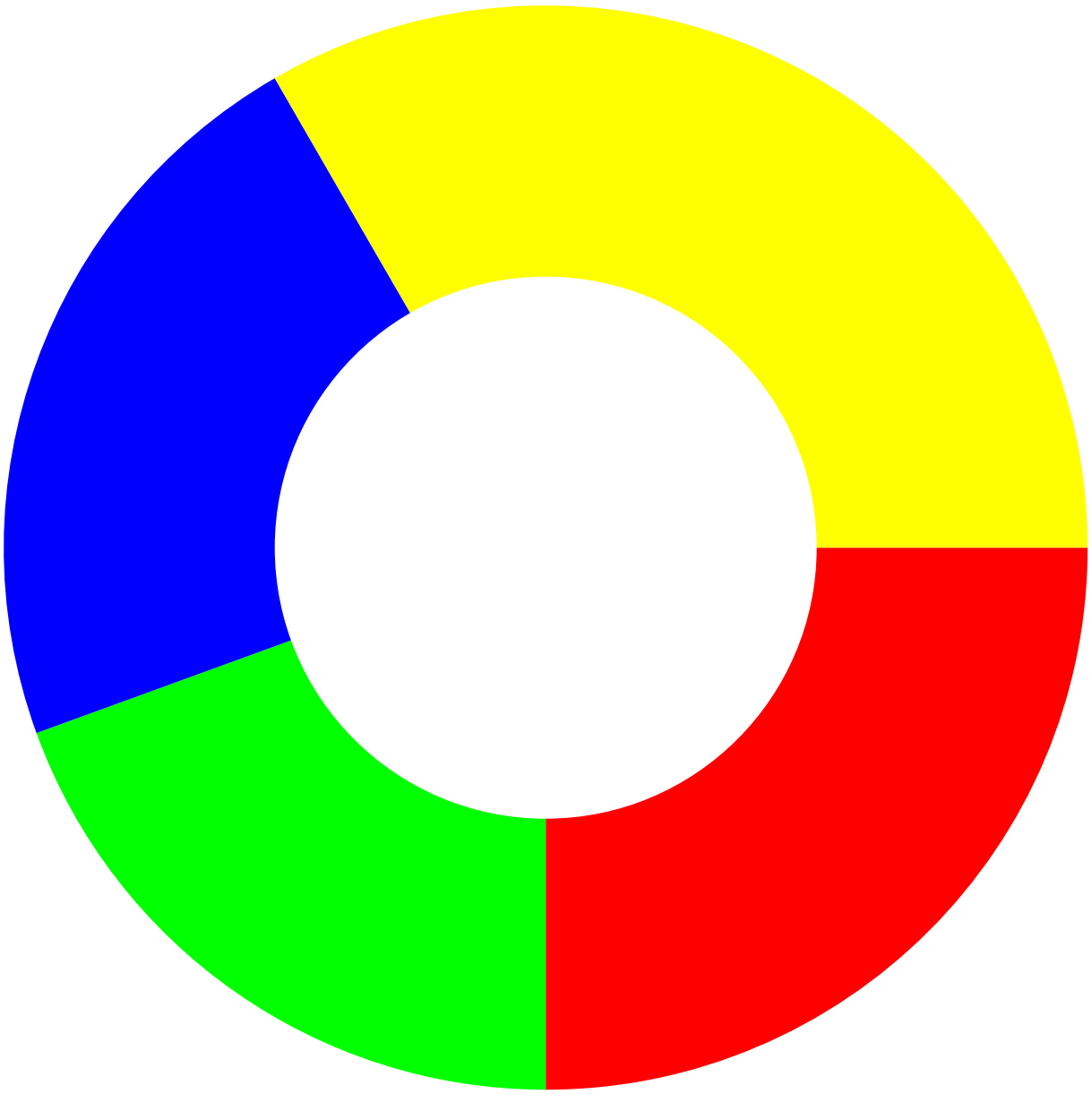


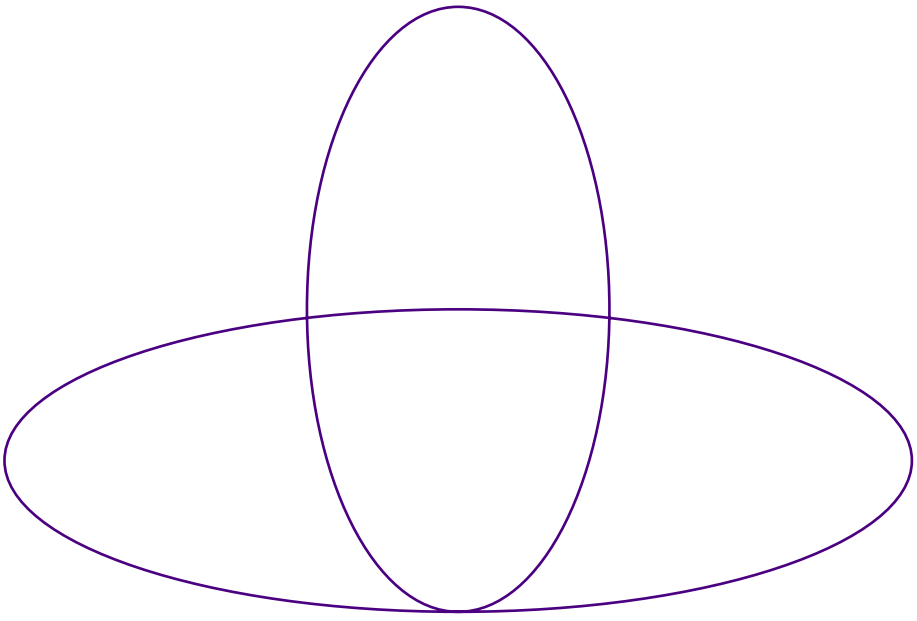
BM_DIFFERENCE



BM_EXCLUSION

ARC DEMO





ADOBE STANDARD FONT DEMO

Courier

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Courier Bold

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Courier Italic

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Courier Bold Italic

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Helvetica

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Helvetica Bold

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Helvetica Italic

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Helvetica Bold Italic

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Times

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Times Bold

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Times Italic

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Times Bold Italic

abcdefgABCDEFG12345!#$%&+-@?\()[]<>"

Symbol

αβχδεφγΑΒΧΔΕΦΓ12345!#∃%&+–≅?∴()[]<>∀

ZapfDingbats

❀✲❀❄❄❄✳✡✢✂⌘✣❖✧✍✎✓✔✕✍✂✂✆☞✍✠✝✲✍✉✲✲✚✝✂

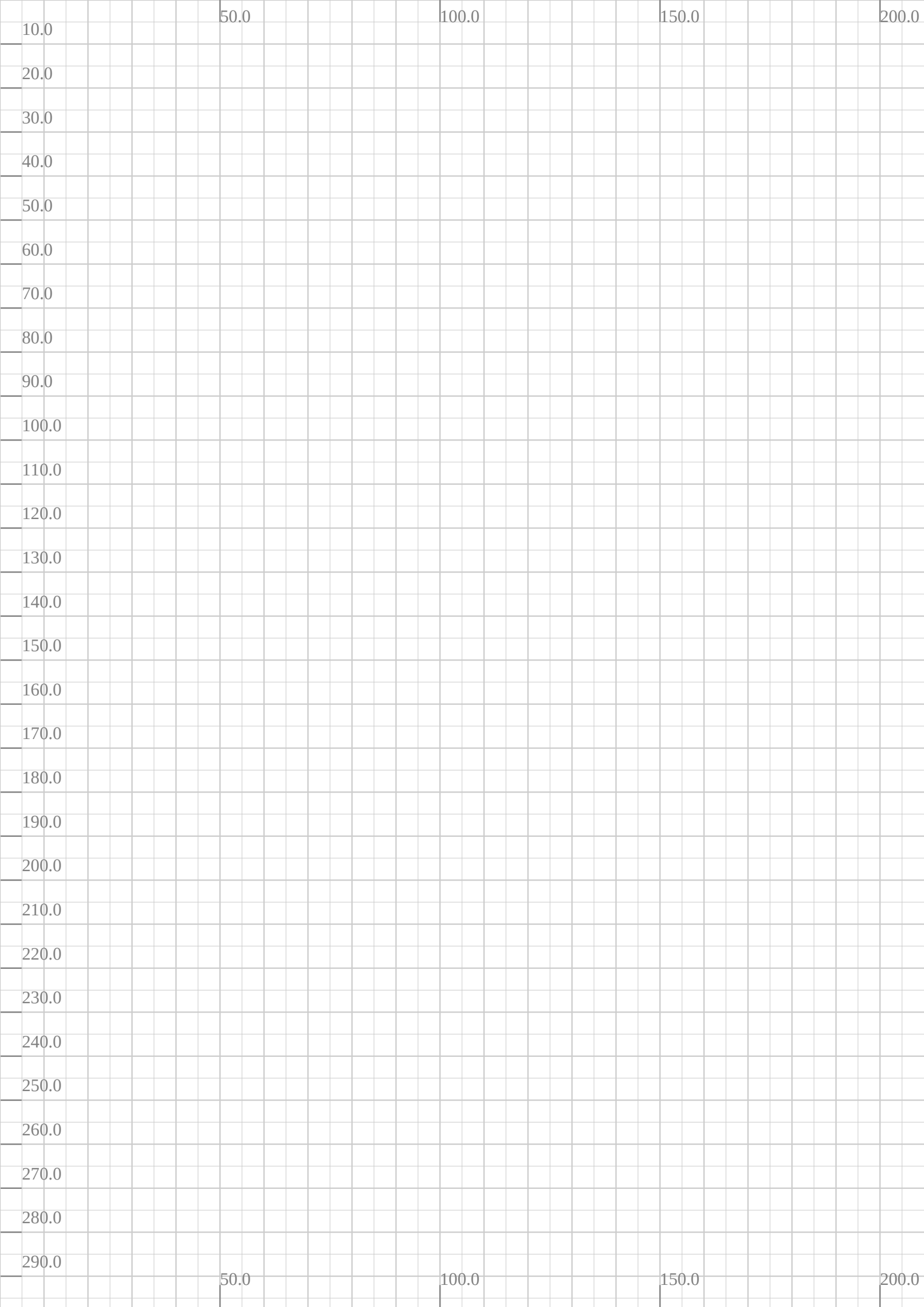
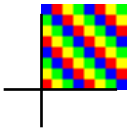
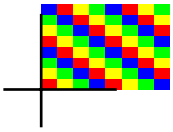

50.0
100.0
150.0
200.0
10.0
20.0
30.0
40.0
50.0
60.0
70.0
80.0
90.0
100.0
110.0
120.0
130.0
140.0
150.0
160.0
170.0
180.0
190.0
200.0
210.0
220.0
230.0
240.0
250.0
260.0
270.0
280.0
290.0
50.0
100.0
150.0
200.0

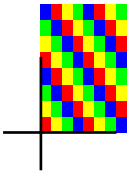
IMAGE DEMO



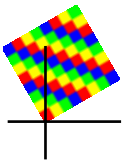
Actual Size
(x=40.0,y=40.0)



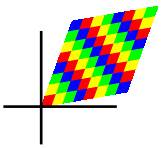
Scaling image (X direction)
(x=100.0,y=40.0)



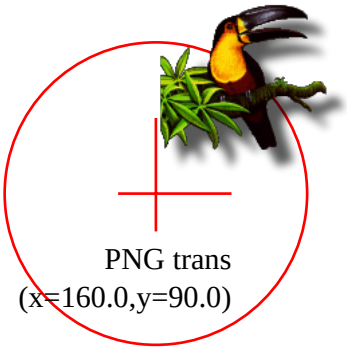
Scaling image (Y direction)
(x=160.0,y=40.0)



Rotating Image
(x=40.0,y=90.0)



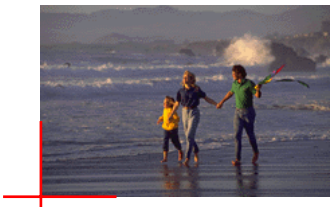
Skewing Image
(x=100.0,y=90.0)



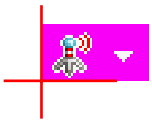
PNG trans
(x=160.0,y=90.0)

bmp 1 bit
(x=40.0,y=140.0)

bmp 4 bit
(x=100.0,y=140.0)



bmp 8 bit
(x=160.0,y=140.0)



bmp 16 bit
(x=40.0,y=190.0)

bmp 24 bit
(x=100.0,y=190.0)

bmp 32 bit
(x=160.0,y=190.0)

Original
(x=40.0,y=240.0)

Alpha = 0.8
(x=100.0,y=240.0)

Alpha = 0.4
(x=160.0,y=240.0)

Adjustable Image Transparency

LINE DEMO

line width = 0

line width = 0.5

line width = 1.0

dash_ptn=[3], phase=1 -- 2 on, 3 off, 3 on...

dash_ptn=[7, 3], phase=2 -- 5 on 3 off, 7 on,...

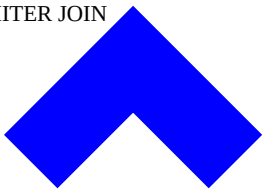
dash_ptn=[8, 7, 2, 7], phase=0

BUTT_END

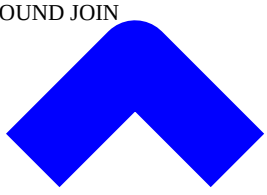
ROUND_END

SQUARE_END

MITER JOIN



ROUND JOIN



BEVEL JOIN

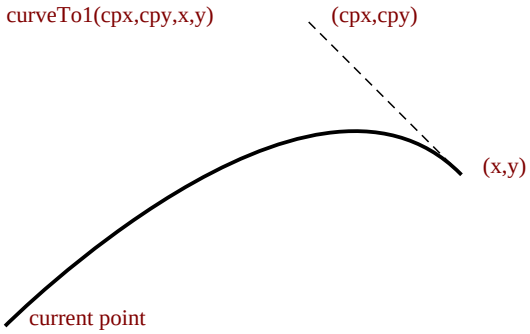
Stroke

Fill

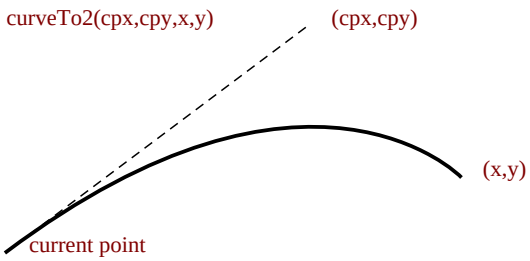
Fill then Stroke

Clip Rectangle

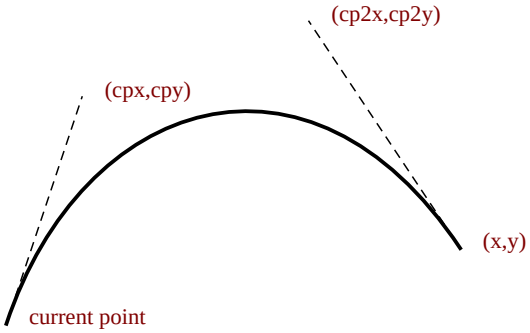
curveTo1(cpx,cpy,x,y)



curveTo2(cpx,cpy,x,y)



bezierCurveTo(cp1x,cp1y,cp2x,cp2y,x,y)



TEXT DEMO 1

abcdefgABCDEFG123!#$%&+-@?
Font Size = 3.0

abcdefgABCDEFG123!#$%&+-@?
Font Size = 5.0

abcdefgABCDEFG123!#$%&+-@?
Font Size = 7.0

abcdefgABCDEFG123!#$%&+-@?
Font Size = 9.0

abcdefgABCDEFG123!#$%&+-@?
Font Size = 11.0

abcdefgABCDEFG123!#$%&+-@?
abcdefgABCDEFG123!#$%&+-@?
abcdefgABCDEFG123!#$%&+-@?

Text Rendering Mode:

TR_FILL
TR_STROKE
TR_FILL_THEN_STROKE
TR_FILL_CLIPPING
TR_STROKE_CLIPPING
TR_FILL_STROKE_CLIPPING

ABC123xyz

Rotating Text

ABC123xyz

Skewing Text

ABC123xyz

Scaling Text Y Direction

ABC123xyz

Scaling Text X Direction

TEXT DEMO 2

char-spacing 0

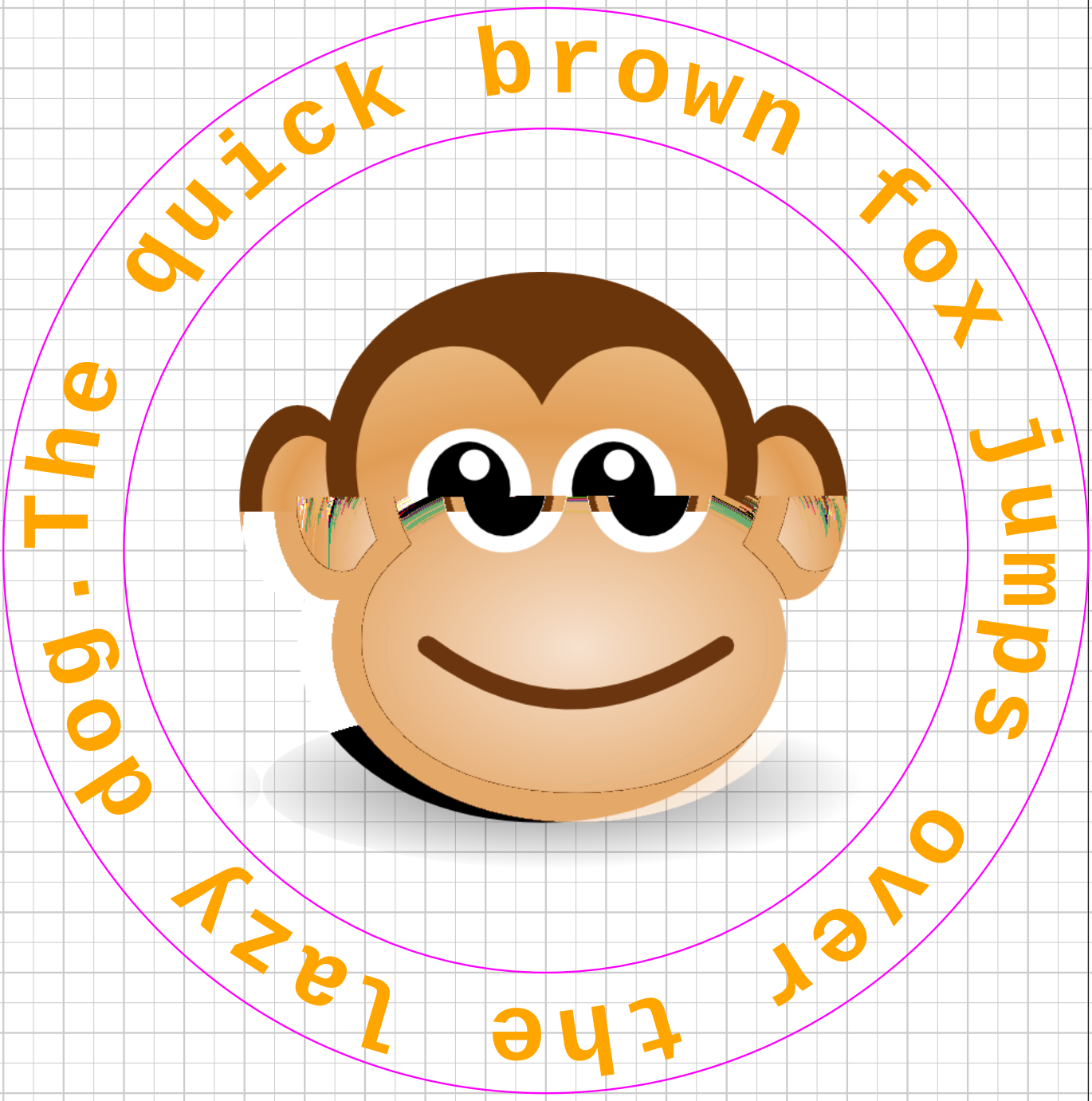
The quick brown fox jumps over the lazy dog.

char-spacing 1.5

The quick brown fox jumps over the lazy dog.

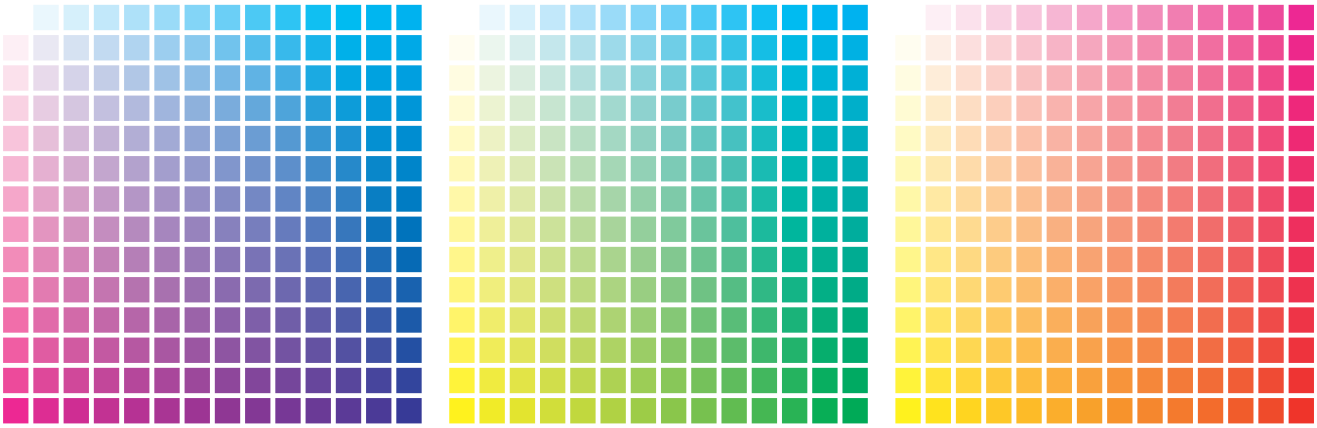
char-spacing 1.5, word-spacing 2.5

The quick brown fox jumps over the lazy dog.



COLOR SPACE DEMO

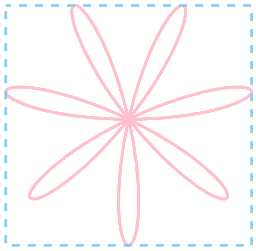
RGB color space



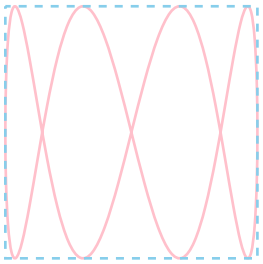
CMYK color space

Gray color space

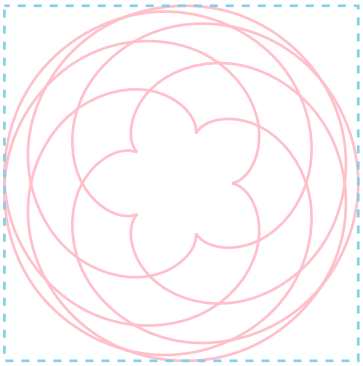
Bezier Curve Bounding Box Demo



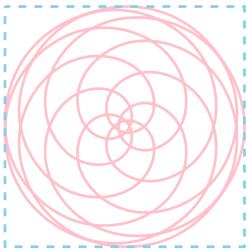
ROSE



LISSAJOUSE

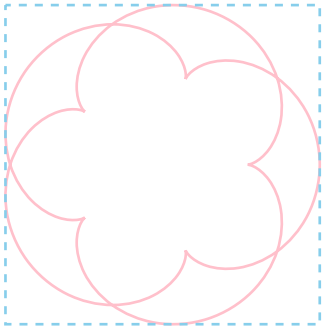


EPICYCLOID

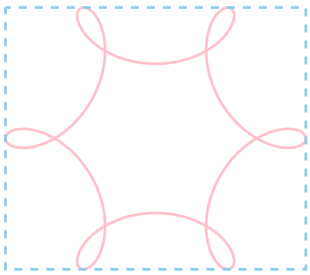


EPITROCHOID

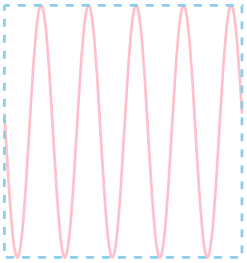
FARRIS WHEEL



HIPOCYCLOID

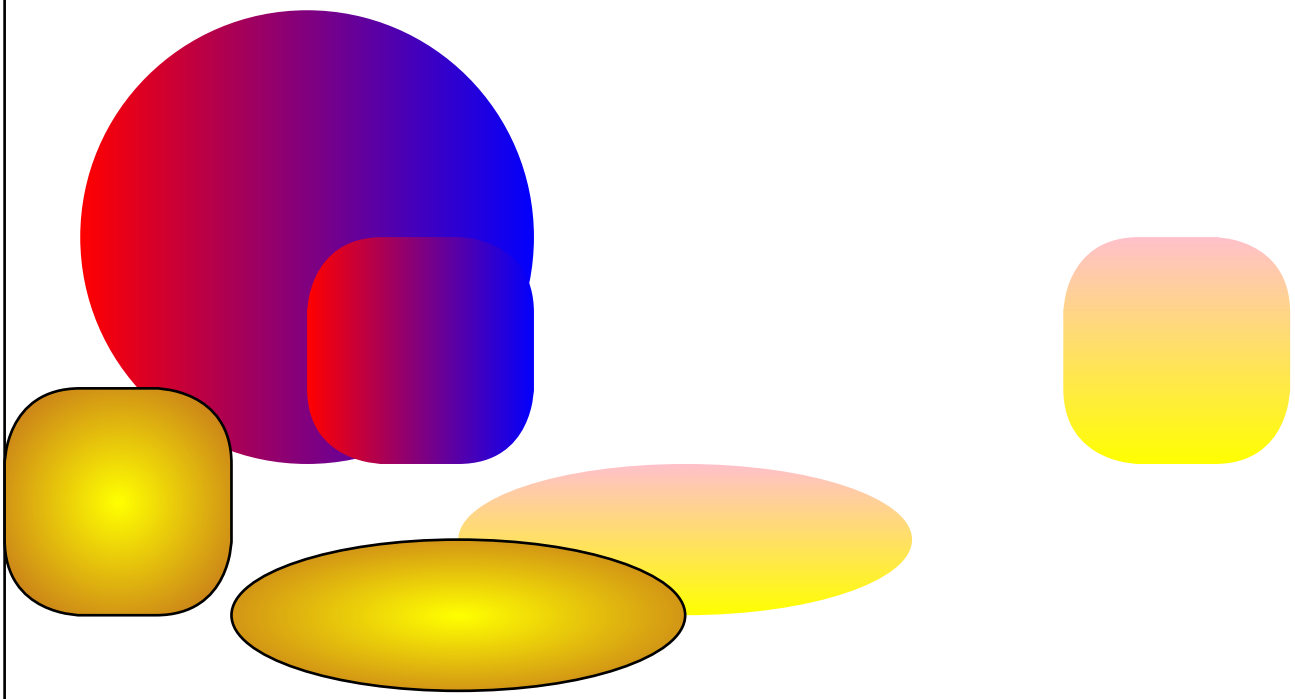


HIPOTROCHOID



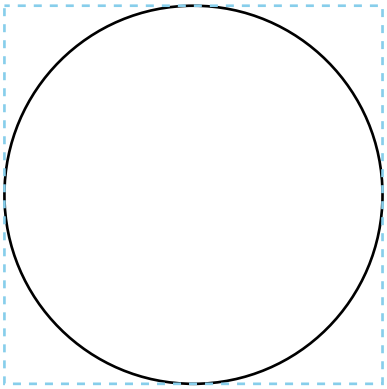
SINE WAVE

Gradient Demo

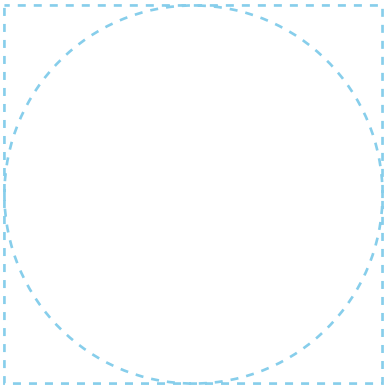


How gradient works in PDF?

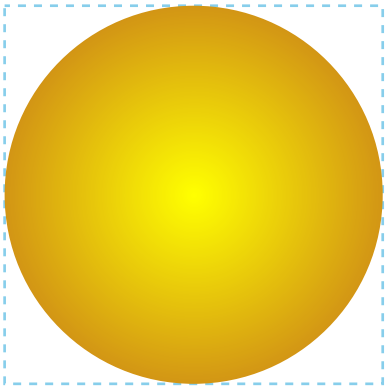
1. Calculate the bounding box



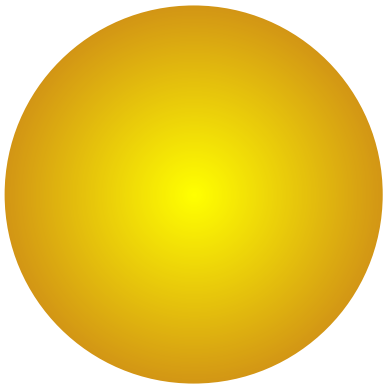
2. Set clipping area



3. Paint gradient inside bbox



4. Voila



Hello World!

헬로우 월드

你好世界

The Quick Brown Fox Jump Over The Lazy Dog

你　天分合
好　下久久
世　大必必
界　勢合分