

Converting Colors

YIQ(47.1680, 28.2320, 61.0640)

Have a look what the booklet for
YIQ(47.1680, 28.2320, 61.0640)
contains.

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Color

**YIQ(47.1680, 28.2320,
61.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	700078
RGB	112, 0, 120
RGB Percent	44%, 0%, 47%
CMY	0.5604, 1.0000, 0.5294
CMYK	0.07, 1.00, 0.00, 0.53
HSL	296°, 100%, 24%
HSV	296°, 100%, 47%
XYZ	10.0836, 4.8066, 18.1672
YIQ	47.1680, 28.2320, 61.0640

Conversions

Conversions Part 2

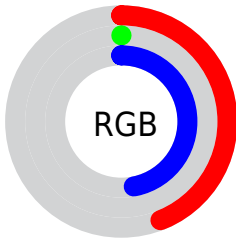
Format	Color
R_{YB}	112, 0, 120
Decimal	7340152
CIE Lab	26.18, 54.90, -37.39
CIE LCh	26, 66.424, 325.747
Yxy	4.8066, 0.3050, 0.1454
Android (android.graphics.Color)	4285530232 (0xFF700078)
YUV	47.1680, 35.9062, 56.8577
Hunter-Lab	21.9240, 43.7312, -33.7833

Details

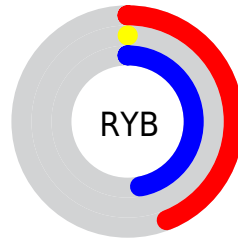
The YIQ color **47.1680, 28.2320, 61.0640** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **72.8320, -28.2320, -61.0640**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.5710, 25.2990, 53.6430**, and **25.7350, 12.3730, 34.5890** is the 20% darker color. If you saturate the color by 10%, you get **47.1680, 28.2320, 61.0640**, and if you desaturate by 10%, it is **54.5110, 25.5280, 55.0000**.

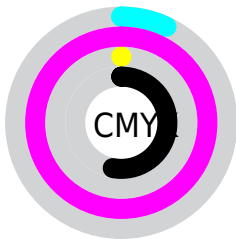
Distribution



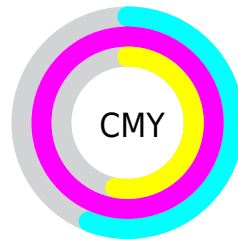
- Red (44%)
- Green (0%)
- Blue (47%)



- Red (44%)
- Yellow (0%)
- Blue (47%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (56%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.1680, 28.2320, 61.0640 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 47.1680, 28.2320, 61.0640 by changing the saturation by 10% instead.

47.1680, 28.2320,
61.0640

47.1680, 28.2320,
61.0640

255.0000, -0.0000,
-0.0000

36.2450, 20.1650,
47.5650

109.5710, 25.2990,
53.6430

25.7350, 12.3730,
34.5890

137.2830, 26.1700,
54.3780

15.9370, 5.4520,
22.3480

164.9950, 27.0410,
55.1130

3.4370, -8.3000,
7.2520

192.4790, 28.5540,
55.2260

0.0000, 0.0000,
0.0000

209.2140, 21.4500,
40.7940

226.2370, 13.4750,

25.6270

■ 243.2600, 5.5000,
10.4600

■ 47.1680, 28.2320,
61.0640

■ 54.5110, 25.5280,
55.0000

■ 61.8540, 22.8240,
48.9360

■ 68.8980, 19.5240,
42.6600

■ 76.2410, 16.8200,
36.5960

■ 83.5840, 14.1160,
30.5320

■ 90.9270, 11.4120,
24.4680

■ 98.2700, 8.7080,
18.4040

■ 105.3140, 5.4080,
12.1280

■ 112.6570, 2.7040,
6.0640

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.1940, -64.0550, 21.0090



47.1680, 28.2320, 61.0640



50.6660, 61.5200, 52.4960

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.1680, 28.2320, 61.0640



58.8630, 33.5180, -12.7380



59.5170, -55.9800, -9.7080

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.1680, 28.2320, 61.0640



72.8320, -28.2320, -61.0640

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.0020, -39.0130, -25.3570



47.1680, 28.2320, 61.0640



51.2450, -0.4530, -30.3490

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.1680, 28.2320, 61.0640



52.6040, 62.9490, 10.0610



45.7860, -21.4500, -40.7940



63.7180, -69.1870, 3.8770

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.1680, 28.2320, 61.0640



47.5020, 73.3050, 42.6570



45.7860, -21.4500, -40.7940



57.5790, -50.5230, -14.9950

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.1680, 28.2320, 61.0640



127.2150, 10.5410, 23.7330



18.3760, -40.7200, 33.1360



61.9660, 6.5080, 14.2200



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.1680, 28.2320, 61.0640



61.1390, 36.3440, 79.2560



43.6320, 49.6920, 46.5880



57.4780, 1.6500, 3.1380



49.2330, 29.6070, 63.6790



99.2920, 59.7640, 128.4040

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.7920, 68.9520, 27.9280



47.7840, 89.7660, 36.1820



76.3680, -49.6920, -46.5880



56.7940, 3.5760, 1.2720



38.2870, 71.9320, 28.9880



77.2860, 144.7350, 58.7110

Previews

White Background



This preview shows how the YIQ color 47.1680, 28.2320, 61.0640 looks on a white background.

Color Contrast Check

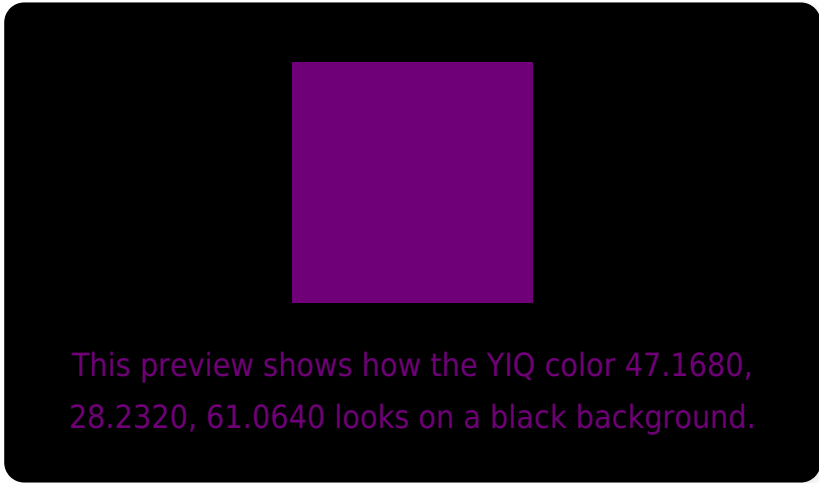
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

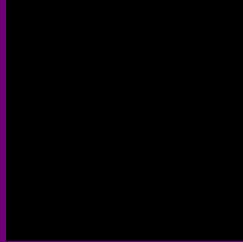
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 47.1680, 28.2320, 61.0640

Background



This preview shows how black text looks on a background with the YIQ color 47.1680, 28.2320, 61.0640.



This preview shows how white text looks on a background with the YIQ color 47.1680, 28.2320,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.1680, 28.2320, 61.0640

Protanopia

52.1430, -60.0180, 8.4140

Deuteranopia

60.2950, -37.1390, 6.7730



Tritanopia

64.3850, 33.0090, 13.0170

Trichromacy



Original Color

47.1680, 28.2320, 61.0640

Protanomaly

50.3310, -27.6520, 27.5800

Deuteranomaly

55.5190, -13.6220, 26.6180

Tritanomaly

58.1530, 31.4470, 30.3190

Monochromacy



Original Color

47.1680, 28.2320, 61.0640

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2750, 10.3120, 22.3760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.1680, 28.2320, 61.0640 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(112, 0, 120)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(112, 0, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 120) }
```

Border

The CSS property to change the border of an element to YIQ 47.1680, 28.2320, 61.0640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 0, 120) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(112, 0, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(112, 0, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(112, 0,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 47.1680, 28.2320, 61.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(112, 0,  
120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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