

Converting Colors

YIQ(66.5180, 23.6500, 44.9780)

Have a look what the booklet for
YIQ(66.5180, 23.6500, 44.9780)
contains.

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Color

**YIQ(66.5180, 23.6500,
44.9780)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 751F75 |
| RGB | 117, 31, 117 |
| RGB Percent | 46%, 12%, 46% |
| CMY | 0.5409, 0.8786, 0.5411 |
| CMYK | 0.00, 0.74, 0.00, 0.54 |
| HSL | 300°, 58%, 29% |
| HSV | 300°, 74%, 46% |
| XYZ | 11.0453, 6.0491, 17.4172 |
| YIQ | 66.5180, 23.6500, 44.9780 |

Conversions

Conversions Part 2

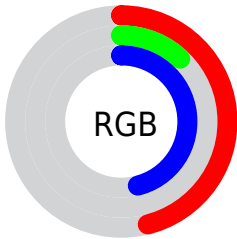
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 117, 31, 117 |
| Decimal | 7675765 |
| CIE _{Lab} | 29.54, 47.72, -30.06 |
| CIE _{LCh} | 30, 56.398, 327.794 |
| Yxy | 6.0491, 0.3200, 0.1753 |
| Android (android.graphics.Color) | 4285865845 (0xFF751F75) |
| YUV | 66.5180, 24.8876, 44.2727 |
| Hunter-Lab | 24.5949, 37.1215, -24.7706 |

Details

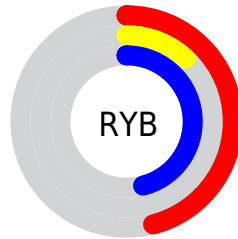
The YIQ color **66.5180, 23.6500, 44.9780** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **81.4820, -23.6500, -44.9780**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.1160, 24.8420, 45.4020**, and **27.1870, 16.9120, 34.9280** is the 20% darker color. If you saturate the color by 10%, you get **59.4740, 26.9500, 51.2540**, and if you desaturate by 10%, it is **73.5620, 20.3500, 38.7020**.

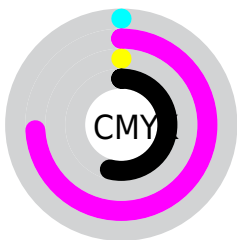
Distribution



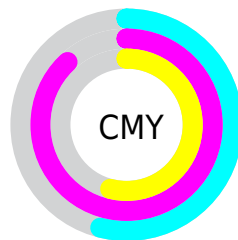
- Red (46%)
- Green (12%)
- Blue (46%)



- Red (46%)
- Yellow (12%)
- Blue (46%)



- Cyan (0%)
- Magenta (74%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (88%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.5180, 23.6500, 44.9780 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 66.5180, 23.6500, 44.9780 by changing the saturation by 10% instead.

66.5180, 23.6500,
44.9780

66.5180, 23.6500,
44.9780

255.0000, -0.0000,
-0.0000

37.6970, 24.7040,
47.9040

120.1160, 24.8420,
45.4020

27.1870, 16.9120,
34.9280

147.4150, 25.4380,
45.6140

18.4000, 11.4580,
23.6340

174.5400, 26.5840,
46.8720

2.7360, -7.7040,
7.4640

202.0560, 25.0710,
46.7590

0.0000, 0.0000,
0.0000

218.6060, 17.0500,
32.4260

235.0420, 9.3500,

17.7820

252.0650, 1.3750,
2.6150

66.5180, 23.6500,
44.9780

66.5180, 23.6500,
44.9780

59.4740, 26.9500,
51.2540

73.5620, 20.3500,
38.7020

53.0170, 29.9750,
57.0070

80.0190, 17.3250,
32.9490

48.3210, 32.1750,
61.1910

87.0630, 14.0250,
26.6730

94.1070, 10.7250,
20.3970

101.1510, 7.4250,
14.1210

■ 107.6080, 4.4000,
8.3680

■ 114.6520, 1.1000,
2.0920

■ 121.6960, -2.2000,
-4.1840

■ 128.1530, -5.2250,
-9.9370

Harmonies

Analogous

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



67.3520, -32.1450, 26.4070



66.5180, 23.6500, 44.9780



51.0080, 60.5570, 53.4290

Triad

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



66.5180, 23.6500, 44.9780



65.9400, 34.6190, -16.1730



64.1960, -59.5100, -11.8140

Complementary

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



66.5180, 23.6500, 44.9780



81.4820, -23.6500, -44.9780

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.



58.4790, -44.7900, -25.2860



66.5180, 23.6500, 44.9780



60.1270, 5.6910, -31.5650

Square

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



66.5180, 23.6500, 44.9780



63.7680, 59.1910, 1.0710



51.8330, -28.8320, -39.1680



66.3110, -69.5990, 0.3290

Rectangle

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



66.5180, 23.6500, 44.9780



48.0010, 70.4620, 44.6220



51.8330, -28.8320, -39.1680



62.4860, -54.6950, -16.4790

Sweetspot

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



66.5180, 23.6500, 44.9780



133.0420, 9.3500, 17.7820



40.8040, -27.6060, 26.7460



65.1460, 5.8210, 10.1490



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



66.5180, 23.6500, 44.9780



73.7550, 37.1250, 70.6050



61.6160, 37.4530, 31.6050



55.4780, 1.6500, 3.1380



50.3860, 33.5500, 63.8060



103.2500, 68.7500, 130.7500

Inverse Universe

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



66.5180, 23.6500, 44.9780



73.7550, 37.1250, 70.6050



86.3840, -37.4530, -31.6050



55.4780, 1.6500, 3.1380



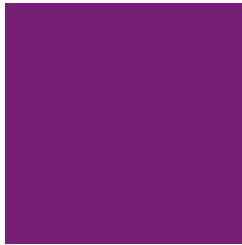
50.3860, 33.5500, 63.8060



103.2500, 68.7500, 130.7500

Previews

White Background



This preview shows how the YIQ color 66.5180, 23.6500, 44.9780 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

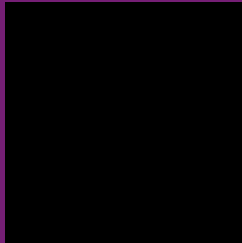
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.5180, 23.6500, 44.9780

Background



This preview shows how black text looks on a background with the YIQ color 66.5180, 23.6500, 44.9780.



This preview shows how white text looks on a background with the YIQ color 66.5180, 23.6500,

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

66.5180, 23.6500, 44.9780

Protanopia

56.4460, -65.2450, 9.5310

Deuteranopia

69.2810, -25.3560, 7.9880



Tritanopia

70.3850, 33.0090, 13.0170

Trichromacy



Original Color

66.5180, 23.6500, 44.9780

Protanomaly

60.5320, -32.8320, 22.3360

Deuteranomaly

67.8800, -7.5690, 21.5430

Tritanomaly

69.0940, 29.9350, 24.6790

Monochromacy



Original Color

66.5180, 23.6500, 44.9780

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

66.8030, 8.5250, 16.2130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.5180, 23.6500, 44.9780 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(117, 31, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 31, 117)  
}
```

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(117, 31, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 31, 117) }
```

Border

The CSS property to change the border of an element to YIQ 66.5180, 23.6500, 44.9780 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(117, 31, 117) }
```


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

```
.border{ border-color:rgb(117, 31, 117) }
```

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

Here you see how a box with a 4 pixel rgb(117, 31, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 31, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 31, 117);  
box-shadow:4px 4px 4px 4px rgb(117, 31,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 66.5180, 23.6500, 44.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 31, 117) }
```

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

```
.background{ background-color: rgb(117, 31,  
117) }
```

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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