

Converting Colors

YIQ(58.8450, 27.0430, 44.0590)

Have a look what the booklet for
YIQ(58.8450, 27.0430, 44.0590)
contains.

YIQ(58.8450, 27.0430, 44.0590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(58.8450, 27.0430,
44.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	701768
RGB	112, 23, 104
RGB Percent	44%, 9%, 41%
CMY	0.5605, 0.9099, 0.5921
CMYK	0.00, 0.80, 0.07, 0.56
HSL	305°, 66%, 26%
HSV	305°, 80%, 44%
XYZ	9.4955, 5.0602, 13.5760
YIQ	58.8450, 27.0430, 44.0590

Conversions

Conversions Part 2

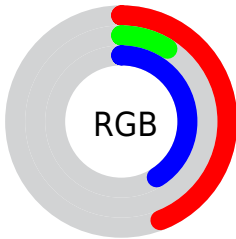
Format	Color
R_{YB}	112, 23, 104
Decimal	7346024
CIE _{Lab}	26.91, 47.07, -25.94
CIE _{LCh}	27, 53.743, 331.139
Yxy	5.0602, 0.3375, 0.1799
Android (android.graphics.Color)	4285536104 (0xFF701768)
YUV	58.8450, 22.2614, 46.6169
Hunter-Lab	22.4948, 35.9828, -20.0361

Details

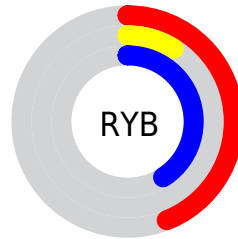
The YIQ color **58.8450, 27.0430, 44.0590** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **76.1550, -27.0430, -44.0590**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **113.2040, 27.4100, 42.9140**, and **24.3240, 17.7840, 30.1360** is the 20% darker color. If you saturate the color by 10%, you get **52.2740, 30.3890, 49.5010**, and if you desaturate by 10%, it is **65.4160, 23.6970, 38.6170**.

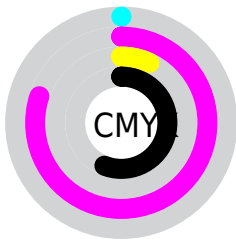
Distribution



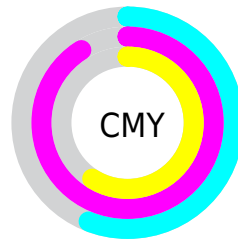
- Red (44%)
- Green (9%)
- Blue (41%)



- Red (44%)
- Yellow (9%)
- Blue (41%)



- Cyan (0%)
- Magenta (80%)
- Yellow (7%)
- Black (56%)



- Cyan (56%)
- Magenta (91%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.8450, 27.0430, 44.0590 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 58.8450, 27.0430, 44.0590 by changing the saturation by 10% instead.

■ 58.8450, 27.0430,
44.0590

■ 58.8450, 27.0430,
44.0590

■ 255.0000, -0.0000,
-0.0000

■ 34.8340, 25.5760,
43.1120

■ 113.5030, 28.0060,
43.1260

■ 24.3240, 17.7840,
30.1360

■ 140.2150, 28.8770,
43.8610

■ 15.3520, 11.4130,
18.9410

■ 167.2260, 30.3440,
44.8080

■ 0.9120, -2.5680,
2.4880


■ 195.6390, 30.6190,
45.3310


■ 0.0000, 0.0000,
0.0000


■ 213.9100, 19.2500,
36.6100


■ 230.9330, 11.2750,


21.4430


 247.9560, 3.3000,
6.2760


 58.8450, 27.0430,
44.0590


 58.8450, 27.0430,
44.0590


 52.2740, 30.3890,
49.5010


 65.4160, 23.6970,
38.6170


 45.7030, 33.7350,
54.9430

 71.9870, 20.3510,
33.1750

 45.1160, 34.0100,
55.4660

 79.1450, 16.7300,
27.2100

 85.7160, 13.3840,
21.7680

 92.2870, 10.0380,
16.3260

■ 98.8580, 6.6920,
10.8840

■ 105.4290, 3.3460,
5.4420

■ 112.5870, -0.2750,
-0.5230

■ 119.1580, -3.6210,
-5.9650

Harmonies

Analogous

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



63.2560, -23.0670, 27.0850



58.8450, 27.0430, 44.0590



46.7640, 58.1280, 47.8880

Triad

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



58.8450, 27.0430, 44.0590



60.3030, 29.1630, -16.4130



58.9300, -55.7050, -9.1850

Complementary

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



58.8450, 27.0430, 44.0590



76.1550, -27.0430, -44.0590

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.



54.2560, -42.5440, -21.9360



58.8450, 27.0430, 44.0590



53.6150, 1.3810, -30.5470

Square

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



58.8450, 27.0430, 44.0590



59.0060, 52.5890, -0.4270



47.9520, -27.5490, -34.8850



61.2900, -65.1060, 1.5020

Rectangle

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



58.8450, 27.0430, 44.0590



43.6860, 66.7950, 39.4910



47.9520, -27.5490, -34.8850



58.0350, -51.8070, -13.7510

Sweetspot

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



58.8450, 27.0430, 44.0590



124.1130, 10.5880, 17.3720



35.2390, -24.3970, 29.1630



61.4450, 6.4170, 10.3610



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



58.8450, 27.0430, 44.0590



62.6260, 41.8020, 68.4420



53.8290, 41.1670, 30.3750



52.4780, 1.6500, 3.1380



48.3060, 36.5310, 59.3390



99.5030, 74.9870, 122.3390

Inverse Universe

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



58.8450, 27.0430, 44.0590



62.6260, 41.8020, 68.4420



81.1710, -41.1670, -30.3750



52.4780, 1.6500, 3.1380



48.3060, 36.5310, 59.3390



99.5030, 74.9870, 122.3390

Previews

White Background



This preview shows how the YIQ color 58.8450, 27.0430, 44.0590 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

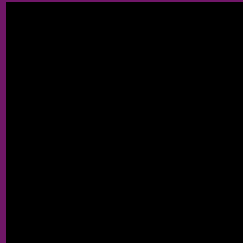
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.8450, 27.0430, 44.0590

Background



This preview shows how black text looks on a background with the YIQ color 58.8450, 27.0430, 44.0590.



This preview shows how white text looks on a background with the YIQ color 58.8450, 27.0430,

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

58.8450, 27.0430, 44.0590

Protanopia

52.2570, -60.3390, 8.7250

Deuteranopia

64.2770, -19.5330, 7.0830



Tritanopia

63.5810, 35.3930, 13.8650

Trichromacy



Original Color

58.8450, 27.0430, 44.0590

Protanomaly

54.4570, -28.2470, 21.8410

Deuteranomaly

62.5770, -2.3420, 20.4260

Tritanomaly

61.7630, 32.3650, 24.6930

Monochromacy



Original Color

58.8450, 27.0430, 44.0590

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.8740, 9.7630, 15.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.8450, 27.0430, 44.0590 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, 23, 104)` looks like.

```
.text, #text, p{  
    color:rgb(112, 23, 104)  
}
```

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, 23, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 23, 104) }
```

Border

The CSS property to change the border of an element to YIQ 58.8450, 27.0430, 44.0590 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, 23, 104) }
```


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

```
.border{ border-color:rgb(112, 23, 104) }
```

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

Here you see how a box with a 4 pixel rgb(112, 23, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 23, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 23, 104);  
box-shadow:4px 4px 4px 4px rgb(112, 23,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 58.8450, 27.0430, 44.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 23, 104) }
```

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

```
.background{ background-color: rgb(112, 23,  
104) }
```

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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