

Converting Colors

YIQ(68.6460, 27.6000, 6.4160)

Have a look what the booklet for
YIQ(68.6460, 27.6000, 6.4160)
contains.

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Color

**YIQ(68.6460, 27.6000,
6.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	633931
RGB	99, 57, 49
RGB Percent	39%, 22%, 19%
CMY	0.6117, 0.7765, 0.8077
CMYK	0.00, 0.42, 0.50, 0.61
HSL	10°, 34%, 29%
HSV	10°, 50%, 39%
XYZ	7.1655, 5.8005, 3.6509
YIQ	68.6460, 27.6000, 6.4160

Conversions

Conversions Part 2

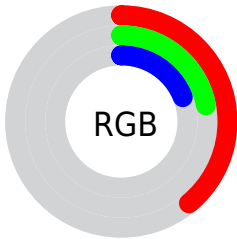
Format	Color
RYB	99, 59, 49
Decimal	6502705
CIELab	28.90, 17.67, 12.93
CIELCh	29, 21.896, 36.185
Yxy	5.8005, 0.4312, 0.3491
Android (android.graphics.Color)	4284692785 (0xFF633931)
YUV	68.6460, -9.6855, 26.6205
Hunter-Lab	24.0843, 10.9594, 7.8712

Details

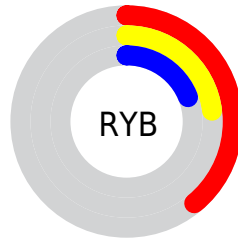
The YIQ color **68.6460, 27.6000, 6.4160** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.3540, -27.6000, -6.4160**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.9130, 31.2220, 6.8540**, and **23.3960, 25.3080, 3.9000** is the 20% darker color. If you saturate the color by 10%, you get **62.8100, 33.0100, 7.4900**, and if you desaturate by 10%, it is **74.4820, 22.1900, 5.3420**.

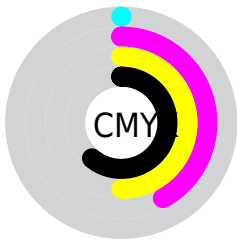
Distribution



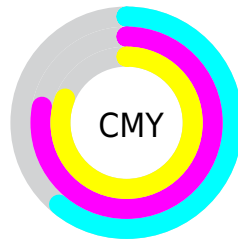
- Red (39%)
- Green (22%)
- Blue (19%)



- Red (39%)
- Yellow (23%)
- Blue (19%)



- Cyan (0%)
- Magenta (42%)
- Yellow (50%)
- Black (61%)



- Cyan (61%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.6460, 27.6000, 6.4160 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 68.6460, 27.6000, 6.4160 by changing the saturation by 10% instead.

68.6460, 27.6000,
6.4160

68.6460, 27.6000,
6.4160

255.0000, -0.0000,
-0.0000

45.8630, 25.4910,
6.0910

117.9130, 31.2220,
6.8540

23.3960, 25.3080,
3.9000

143.5110, 32.4140,
7.2780

7.8880, 15.1750,
5.8230

170.1090, 33.6060,
7.7020

0.0000, 0.0000,
0.0000

197.5930, 35.1190,
7.8150

222.9020, 29.7550,
5.9070

242.5300, 13.0670,

-0.0290

■ 68.6460, 27.6000,
6.4160

■ 68.6460, 27.6000,
6.4160

■ 62.8100, 33.0100,
7.4900

■ 74.4820, 22.1900,
5.3420

■ 56.3870, 38.6950,
9.0870

■ 80.9050, 16.5050,
3.7450

■ 50.5510, 44.1050,
10.1610

■ 86.7410, 11.0950,
2.6710

■ 44.7150, 49.5150,
11.2350

■ 92.5770, 5.6850,
1.5970

■ 38.9930, 54.6040,
12.6200

■ 99.0000, -0.0000,
0.0000

■ 104.7220, -5.0890,
-1.3850

■ 110.5580,
-10.4990, -2.4590

■ 116.9810,
-16.1840, -4.0560

■ 122.8170,
-21.5940, -5.1300

Harmonies

Analogous

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



69.5950, 23.6100, 12.6500



68.6460, 27.6000, 6.4160



67.5220, 24.7130, -1.8390

Triad

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



68.6460, 27.6000, 6.4160



61.5320, -16.7780, -15.3220



66.4830, -23.1090, 5.8110

Complementary

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



68.6460, 27.6000, 6.4160



79.3540, -27.6000, -6.4160

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.



58.0130, -45.5730, -5.5810



68.6460, 27.6000, 6.4160



54.4890, -41.5820, -17.3420

Square

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



68.6460, 27.6000, 6.4160



64.4540, 1.0570, -13.6550



54.6440, -49.1480, -12.3800



69.3500, -3.4410, 12.8070

Rectangle

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



68.6460, 27.6000, 6.4160



66.8370, 19.2120, -6.7720



54.6440, -49.1480, -12.3800



64.0800, -29.3440, 3.1680

Sweetspot

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



68.6460, 27.6000, 6.4160



115.7410, 11.0950, 2.6710



68.8520, 15.9970, 23.9730



56.7620, 6.6020, 1.4980



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



68.6460, 27.6000, 6.4160



80.3660, 43.1880, 10.2600



83.3210, 20.7250, -6.6590



45.1960, 2.3840, 0.8480



44.0540, 61.8020, 14.3300



94.0660, 132.5900, 31.0060

Inverse Universe

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



79.3540, -27.6000, -6.4160



97.0470, -42.9130, -9.7370



65.2660, -21.0000, 6.1360



46.8040, -2.3840, -0.8480



67.9460, -61.8020, -14.3300



145.9340, -132.5900, -31.0060

Previews

White Background



This preview shows how the YIQ color 68.6460, 27.6000, 6.4160 looks on a white background.

Color Contrast Check

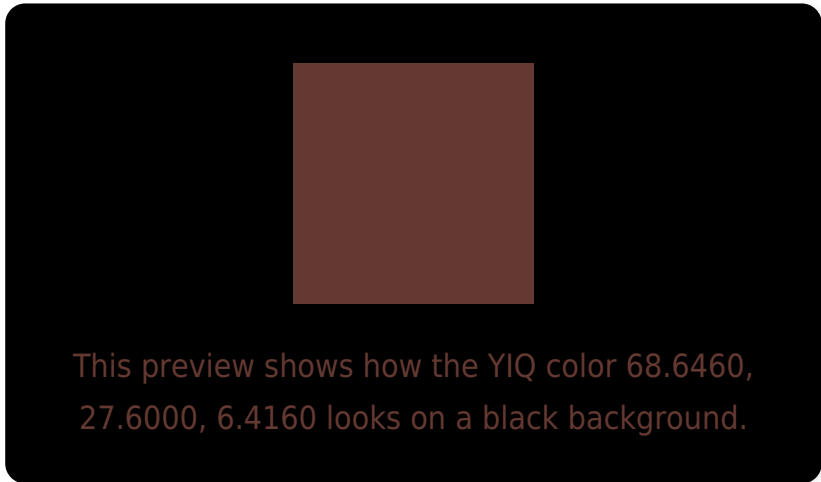
Large Text (above 18pt) WCAG AA ✓ Pass

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

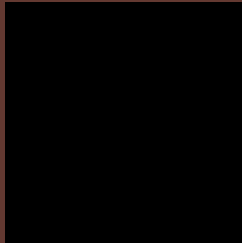
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.6460, 27.6000, 6.4160

Background



This preview shows how black text looks on a background with the YIQ color 68.6460, 27.6000, 6.4160.

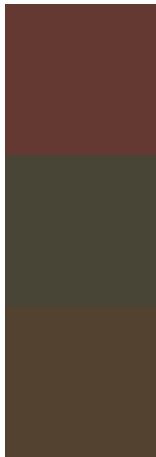


This preview shows how white text looks on a background with the YIQ color 68.6460, 27.6000,

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

68.6460, 27.6000, 6.4160

Protanopia

68.4860, 7.1990, -3.8170

Deuteranopia

68.6180, 15.6350, -2.5170



Tritanopia

69.0250, 25.2150, 11.0950

Trichromacy



Original Color

68.6460, 27.6000, 6.4160

Protanomaly

68.6010, 14.3050, -0.4390

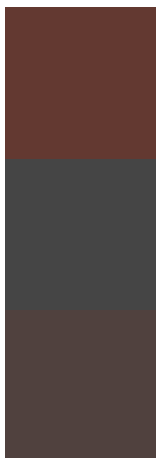
Deuteranomaly

68.7650, 19.7150, 0.6350

Tritanomaly

69.1560, 26.2240, 9.3280

Monochromacy



Original Color

68.6460, 27.6000, 6.4160

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.1430, 9.9030, 2.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.6460, 27.6000, 6.4160 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(99, 57, 49)` looks like.

```
.text, #text, p{  
    color:rgb(99, 57, 49)  
}
```

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(99, 57, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 57, 49) }
```

Border

The CSS property to change the border of an element to YIQ 68.6460, 27.6000, 6.4160 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(99, 57, 49) }
```


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

```
.border{ border-color:rgb(99, 57, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 57, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 57, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 57, 49);  
box-shadow:4px 4px 4px 4px rgb(99, 57, 49)  
}
```

Background

The CSS property to change the background color of an element to YIQ 68.6460, 27.6000, 6.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 57, 49) }
```

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

```
.background{ background-color: rgb(99, 57,  
49) }
```

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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