

Converting Colors

YIQ(66.6070, 58.8670, 17.9630)

Have a look what the booklet for
YIQ(66.6070, 58.8670, 17.9630)
contains.

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Color

**YIQ(66.6070, 58.8670,
17.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	862720
RGB	134, 39, 32
RGB Percent	53%, 15%, 13%
CMY	0.4743, 0.8472, 0.8743
CMYK	0.00, 0.71, 0.76, 0.47
HSL	4°, 61%, 33%
HSV	4°, 76%, 53%
XYZ	10.8263, 6.6260, 2.0792
YIQ	66.6070, 58.8670, 17.9630

Conversions

Conversions Part 2

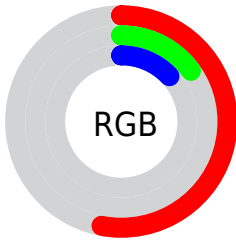
Format	Color
RYB	134, 40, 32
Decimal	8791840
CIELab	30.94, 40.05, 27.47
CIELCh	31, 48.564, 34.452
Yxy	6.6260, 0.5543, 0.3392
Android (android.graphics.Color)	4286981920 (0xFF862720)
YUV	66.6070, -17.0613, 59.1037
Hunter-Lab	25.7410, 30.0275, 13.2297

Details

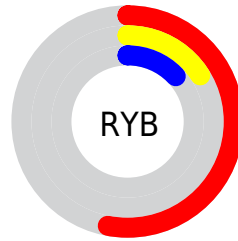
The YIQ color **66.6070, 58.8670, 17.9630** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **99.3930, -58.8670, -17.9630**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **119.3150, 65.5610, 17.7930**, and **23.0230, 45.8920, 16.3240** is the 20% darker color. If you saturate the color by 10%, you get **57.4940, 66.6150, 20.7190**, and if you desaturate by 10%, it is **75.1330, 51.3940, 15.7300**.

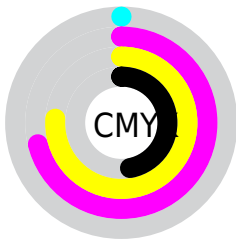
Distribution



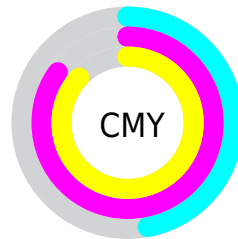
- Red (53%)
- Green (15%)
- Blue (13%)



- Red (53%)
- Yellow (16%)
- Blue (13%)



- Cyan (0%)
- Magenta (71%)
- Yellow (76%)
- Black (47%)



- Cyan (47%)
- Magenta (85%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.6070, 58.8670, 17.9630 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 66.6070, 58.8670, 17.9630 by changing the saturation by 10% instead.

■ 66.6070, 58.8670,
17.9630

■ 66.6070, 58.8670,
17.9630

255.0000, -0.0000,
-0.0000

■ 37.2310, 57.1700,
21.1860

■ 119.3150, 65.5610,
17.7930

■ 23.0230, 45.8920,
16.3240

■ 146.2830, 68.5870,
18.0190

■ 15.6620, 30.6710,
11.3350

■ 174.2510, 71.6130,
18.2450

■ 0.8970, 1.7880,
0.6360

■ 193.3630, 56.4380,
12.4220

■ 0.0000, 0.0000,
0.0000

■ 212.8770, 40.0710,
6.1750

■ 232.9780, 23.4290,

-0.5950

252.7200, 6.4200,
-6.2200

66.6070, 58.8670,
17.9630

66.6070, 58.8670,
17.9630

57.4940, 66.6150,
20.7190

75.1330, 51.3940,
15.7300

48.8540, 74.4090,
22.6410

84.3600, 43.3250,
13.2850

45.3490, 77.3890,
23.7010

92.8860, 35.8520,
11.0520

102.1130, 27.7830,
8.6070

110.6390, 20.3100,
6.3740

■ 119.7520, 12.5620,
3.6180

■ 128.3920, 4.7680,
1.6960

■ 137.5050, -2.9800,
-1.0600

■ 146.1450,
-10.7740, -2.9820

Harmonies

Analogous

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



64.9770, 52.6740, 36.5940



66.6070, 58.8670, 17.9630



68.1320, 51.9940, -6.1660

Triad

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



66.6070, 58.8670, 17.9630



55.4010, -36.1230, -33.6830



61.5980, -68.7290, 6.5910

Complementary

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



66.6070, 58.8670, 17.9630



99.3930, -58.8670, -17.9630

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.



65.9690, -68.6360, -0.6040



66.6070, 58.8670, 17.9630



61.1350, -49.5130, -22.2890

Square

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



66.6070, 58.8670, 17.9630



61.2900, 3.6740, -33.5580



65.3530, -61.3900, -10.7820



74.0460, -13.6680, 27.4520

Rectangle

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



66.6070, 58.8670, 17.9630



68.9080, 37.6450, -15.9470



65.3530, -61.3900, -10.7820



63.9460, -69.8290, 4.4990

Sweetspot

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



66.6070, 58.8670, 17.9630



146.8350, 22.6940, 7.2220



73.3280, 30.2970, 51.1690



70.6490, 14.3500, 4.2540



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



66.6070, 58.8670, 17.9630



68.8130, 90.8220, 28.0540



96.5440, 44.8420, -8.7100



61.7940, 3.5760, 1.2720



44.1530, 75.0050, 22.8530



0.8970, 1.7880, 0.6360

Inverse Universe

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



99.3930, -58.8670, -17.9630



120.1870, -90.8220, -28.0540



69.4560, -44.8420, 8.7100



64.2060, -3.5760, -1.2720



85.8470, -75.0050, -22.8530



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 66.6070, 58.8670, 17.9630 looks on a white background.

Color Contrast Check

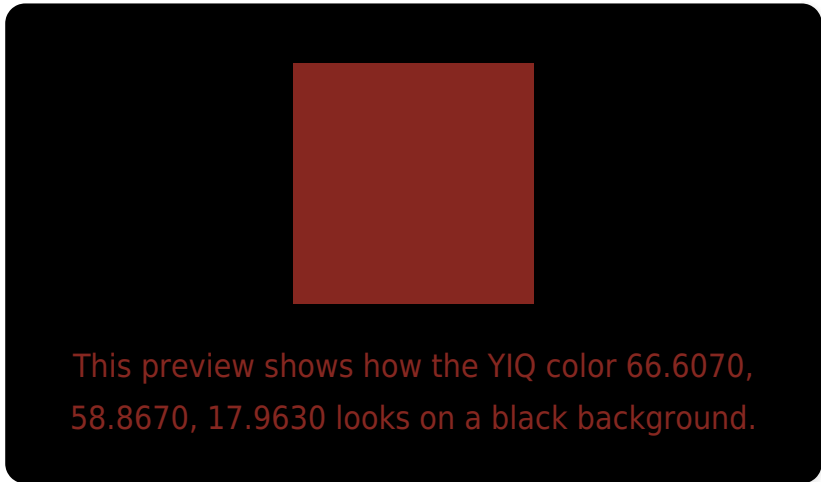
Large Text (above 18pt) WCAG AA ✓ Pass

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

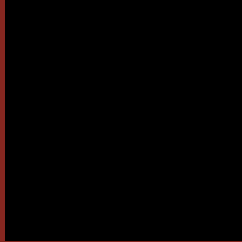
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.6070, 58.8670, 17.9630

Background



This preview shows how black text looks on a background with the YIQ color 66.6070, 58.8670, 17.9630.



This preview shows how white text looks on a background with the YIQ color 66.6070, 58.8670,

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

66.6070, 58.8670, 17.9630

Protanopia

72.5590, 14.1230, -8.1570

Deuteranopia

71.7470, 28.1530, -9.1190



Tritanopia

66.9320, 56.5740, 20.9740

Trichromacy



Original Color

66.6070, 58.8670, 17.9630

Protanomaly

70.1530, 30.3060, 1.4260

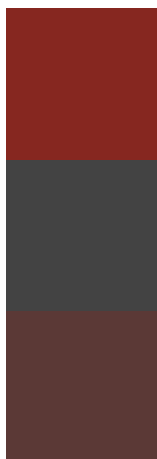
Deuteranomaly

70.1170, 39.1550, 0.7470

Tritanomaly

66.5900, 57.5370, 20.0410

Monochromacy



Original Color

66.6070, 58.8670, 17.9630

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

66.8240, 21.2270, 6.2750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.6070, 58.8670, 17.9630 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(134, 39, 32)` looks like.

```
.text, #text, p{  
    color:rgb(134, 39, 32)  
}
```

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(134, 39, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 39, 32) }
```

Border

The CSS property to change the border of an element to YIQ 66.6070, 58.8670, 17.9630 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(134, 39, 32) }
```


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

```
.border{ border-color:rgb(134, 39, 32) }
```

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

Here you see how a box with a 4 pixel rgb(134, 39, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 39, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 39, 32);  
box-shadow:4px 4px 4px 4px rgb(134, 39,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 66.6070, 58.8670, 17.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 39, 32) }
```

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

```
.background{ background-color: rgb(134, 39,  
32) }
```

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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