

Converting Colors

YIQ(63.6070, 95.5390, 58.2190)

Have a look what the booklet for
YIQ(63.6070, 95.5390, 58.2190)
contains.

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Color

**YIQ(63.6070, 95.5390,
58.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0039
RGB	191, 0, 57
RGB Percent	75%, 0%, 22%
CMY	0.2505, 0.9999, 0.7761
CMYK	0.00, 1.00, 0.70, 0.25
HSL	342°, 100%, 37%
HSV	342°, 100%, 75%
XYZ	22.2579, 11.3888, 4.9072
YIQ	63.6070, 95.5390, 58.2190

Conversions

Conversions Part 2

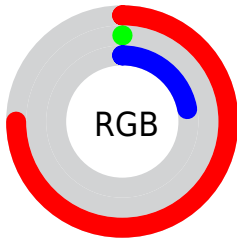
Format	Color
R_YB	191, 0, 57
Decimal	12517433
CIE Lab	40.23, 65.83, 25.77
CIE LCh	40, 70.694, 21.379
Yxy	11.3888, 0.5773, 0.2954
Android (android.graphics.Color)	4290707513 (0xFFBF0039)
YUV	63.6070, -3.2573, 111.7237
Hunter-Lab	33.7473, 58.6712, 15.0018

Details

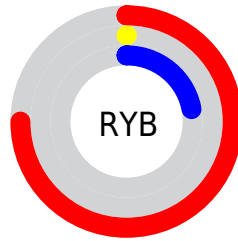
The YIQ color **63.6070, 95.5390, 58.2190** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **127.3930, -95.5390, -58.2190**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.5230, 95.1750, 42.7830**, and **40.3950, 71.7480, 32.3240** is the 20% darker color. If you saturate the color by 10%, you get **63.6070, 95.5390, 58.2190**, and if you desaturate by 10%, it is **76.2420, 86.1410, 52.3250**.

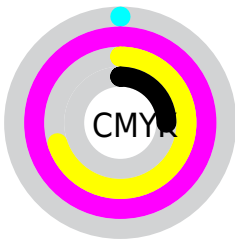
Distribution



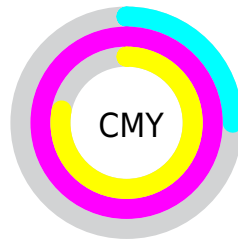
- Red (75%)
- Green (0%)
- Blue (22%)



- Red (75%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 63.6070, 95.5390, 58.2190 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 63.6070, 95.5390, 58.2190 by changing the saturation by 10% instead.


 63.6070, 95.5390,
58.2190


 63.6070, 95.5390,
58.2190


255.0000, -0.0000,
-0.0000


 51.9440, 83.8040,
45.1160


 136.5230, 95.1750,
42.7830


 40.3950, 71.7480,
32.3240


 157.2820, 79.4960,
35.0800


 29.3020, 58.4080,
20.7760

 177.2690, 63.1750,
27.9990

 21.2720, 40.7570,
15.7730

 196.7830, 46.8080,
21.7520

 11.1770, 21.7310,
8.1550

 217.4710, 29.8910,
14.4590

 0.0000, 0.0000,
0.0000

 237.6860, 12.9280,

8.0000

■ 63.6070, 95.5390,
58.2190

■ 76.2420, 86.1410,
52.3250

■ 88.9910, 76.4220,
46.7420

■ 101.6260, 67.0240,
40.8480

■ 114.3750, 57.3050,
35.2650

■ 127.5970, 47.6320,
28.8480

■ 140.3460, 37.9130,
23.2650

■ 152.9810, 28.5150,
17.3710

■ 165.6160, 19.1170,
11.4770

■ 178.3650, 9.3980,
5.8940

Harmonies

Analogous

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



68.6100, 74.2620, 74.8860



63.6070, 95.5390, 58.2190



84.2890, 85.6450, 6.2290

Triad

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



63.6070, 95.5390, 58.2190



66.5590, -31.7170, -58.4770



86.8630, -97.1560, 9.6600

Complementary

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



63.6070, 95.5390, 58.2190



127.3930, -95.5390, -58.2190

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.



89.1820, -91.2850, -3.1330



63.6070, 95.5390, 58.2190



77.3430, -56.5710, -37.5550

Square

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



63.6070, 95.5390, 58.2190



84.0710, 17.2920, -38.0680



85.3570, -76.3810, -19.9410



80.6040, -76.8930, 22.3950

Rectangle

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



63.6070, 95.5390, 58.2190



89.1410, 64.9700, -10.0540



85.3570, -76.3810, -19.9410



88.6410, -96.6510, 6.0130

Sweetspot

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



63.6070, 95.5390, 58.2190



197.6340, 37.0420, 22.5300



61.8400, 18.5530, 87.8090



94.9370, 22.6470, 13.5830



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



63.6070, 95.5390, 58.2190



82.2890, 123.4580, 75.3780



79.4150, 103.3860, 20.6180



88.0330, 4.4010, 2.8410



52.6000, 79.0810, 48.1130



10.2950, 15.5870, 9.3710

Inverse Universe

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



63.6070, 95.5390, 58.2190



82.2890, 123.4580, 75.3780



111.5850, -103.3860, -20.6180



88.0330, 4.4010, 2.8410



52.6000, 79.0810, 48.1130



10.2950, 15.5870, 9.3710

Previews

White Background



This preview shows how the YIQ color 63.6070, 95.5390, 58.2190 looks on a white background.

Color Contrast Check

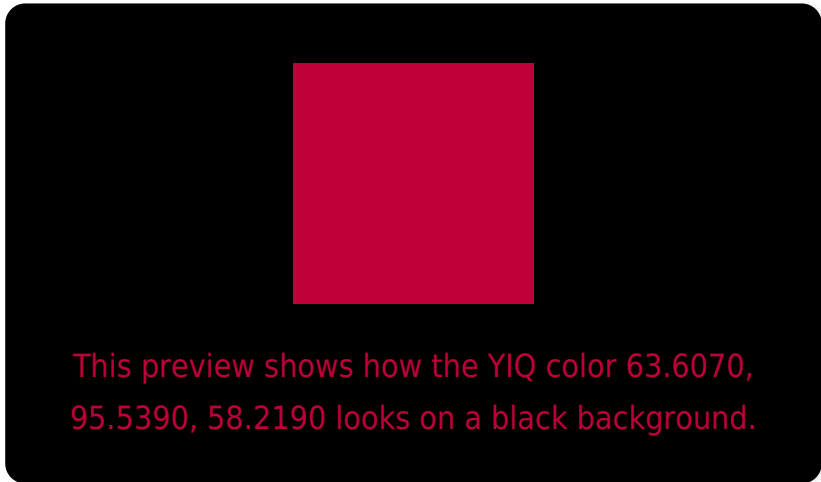
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

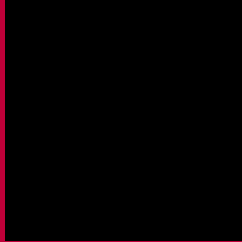
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.6070, 95.5390, 58.2190

Background



This preview shows how black text looks on a background with the YIQ color 63.6070, 95.5390, 58.2190.



This preview shows how white text looks on a background with the YIQ color 63.6070, 95.5390,

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

63.6070, 95.5390, 58.2190

Protanopia

97.1270, 6.8320, -2.6720

Deuteranopia

95.9430, 30.5370, -8.2710



Tritanopia

72.4770, 100.8160, 34.1600

Trichromacy



Original Color

63.6070, 95.5390, 58.2190

Protanomaly

85.0100, 38.7390, 19.3070

Deuteranomaly

84.1010, 54.4200, 15.9560

Tritanomaly

69.3770, 98.5220, 42.6980

Monochromacy



Original Color

63.6070, 95.5390, 58.2190

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.9110, 34.7040, 20.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.6070, 95.5390, 58.2190 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(191, 0, 57)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 57)  
}
```

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(191, 0, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 57) }
```

Border

The CSS property to change the border of an element to YIQ 63.6070, 95.5390, 58.2190 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(191, 0, 57) }
```


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

```
.border{ border-color:rgb(191, 0, 57) }
```

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

Here you see how a box with a 4 pixel rgb(191, 0, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 57);  
box-shadow:4px 4px 4px 4px rgb(191, 0, 57)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.6070, 95.5390, 58.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 57) }
```

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

```
.background{ background-color: rgb(191, 0,  
57) }
```

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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