

# Converting Colors

YIQ(62.5960, 94.0720, 57.2720)

Have a look what the booklet for  
YIQ(62.5960, 94.0720, 57.2720)  
contains.

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# Color

**YIQ(62.5960, 94.0720,  
57.2720)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC0038
RGB	188, 0, 56
RGB Percent	74%, 0%, 22%
CMY	0.2623, 0.9999, 0.7801
CMYK	0.00, 1.00, 0.70, 0.26
HSL	342°, 100%, 37%
HSV	342°, 100%, 74%
XYZ	21.4852, 10.9933, 4.7417
YIQ	62.5960, 94.0720, 57.2720

# Conversions

## Conversions Part 2

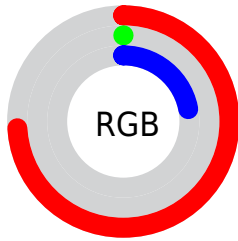
Format	Color
<b>R<sub>YB</sub></b>	188, 0, 56
Decimal	12320824
CIE Lab	39.57, 65.06, 25.44
CIE LCh	40, 69.858, 21.360
Yxy	10.9933, 0.5772, 0.2954
Android (android.graphics.Color)	4290510904 (0xFFBC0038)
YUV	62.5960, -3.2518, 109.9793
Hunter-Lab	33.1562, 57.6446, 14.7302

# Details

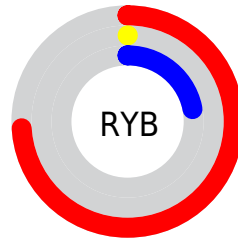
The YIQ color **62.5960, 94.0720, 57.2720** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **125.4040, -94.0720, -57.2720**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.9250, 93.9830, 42.3590**, and **39.3840, 70.2810, 31.3770** is the 20% darker color. If you saturate the color by 10%, you get **62.5960, 94.0720, 57.2720**, and if you desaturate by 10%, it is **75.2310, 84.6740, 51.3780**.

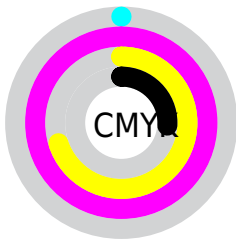
# Distribution



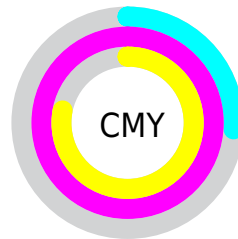
- Red (74%)
- Green (0%)
- Blue (22%)



- Red (74%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (26%)




- Cyan (26%)
- Magenta (100%)
- Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 62.5960, 94.0720, 57.2720 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 62.5960, 94.0720, 57.2720 by changing the saturation by 10% instead.





 62.5960, 94.0720,  
57.2720


 62.5960, 94.0720,  
57.2720


255.0000, -0.0000,  
-0.0000


 50.9330, 82.3370,  
44.1690


 135.5120, 93.7080,  
41.8360


 39.3840, 70.2810,  
31.3770


 156.5810, 80.0920,  
35.2920

 28.7040, 57.2160,  
20.3520

 176.5680, 63.7710,  
28.2110

 20.3750, 38.9690,  
15.1370

 195.9680, 47.7250,  
21.6530

 10.2800, 19.9430,  
7.5190

 216.7700, 30.4870,  
14.6710

 0.0000, 0.0000,  
0.0000

 236.9850, 13.5240,

8.2120

■ 62.5960, 94.0720,  
57.2720

■ 75.2310, 84.6740,  
51.3780

■ 87.8660, 75.2760,  
45.4840

■ 100.0280, 65.8320,  
40.4240

■ 112.6630, 56.4340,  
34.5300

■ 125.2980, 47.0360,  
28.6360

■ 137.9330, 37.6380,  
22.7420

■ 150.6820, 27.9190,  
17.1590

■ 163.3170, 18.5210,  
11.2650

■ 175.3650, 9.3980,  
5.8940

# Harmonies

## Analogous

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



67.4850, 73.1160, 73.6280



62.5960, 94.0720, 57.2720



82.8050, 84.1320, 6.1160

# Triad

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



62.5960, 94.0720, 57.2720



65.3850, -31.1670, -57.4310



85.9340, -95.9180, 9.2500

# Complementary

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



62.5960, 94.0720, 57.2720



125.4040, -94.0720, -57.2720

# 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.



88.2530, -90.0470, -3.5430



62.5960, 94.0720, 57.2720



76.5280, -55.6540, -37.6540

# Square

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



62.5960, 94.0720, 57.2720



82.5980, 17.2460, -37.2340



83.8410, -74.8680, -19.8280



79.3760, -76.2510, 21.7730



# Rectangle

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



62.5960, 94.0720, 57.2720



87.9560, 64.0530, -9.9550



83.8410, -74.8680, -19.8280



87.5980, -95.0920, 5.2920

# Sweetspot

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



62.5960, 94.0720, 57.2720



195.6340, 37.0420, 22.5300



60.9000, 18.3240, 86.4520



92.6380, 22.0510, 13.3710



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000



# Same Dimension

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



62.5960, 94.0720, 57.2720



81.5770, 122.5870, 74.6430



78.5180, 101.5980, 19.9820



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.



62.5960, 94.0720, 57.2720



81.5770, 122.5870, 74.6430



110.0690, -101.8730, -20.5050



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 62.5960, 94.0720, 57.2720 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

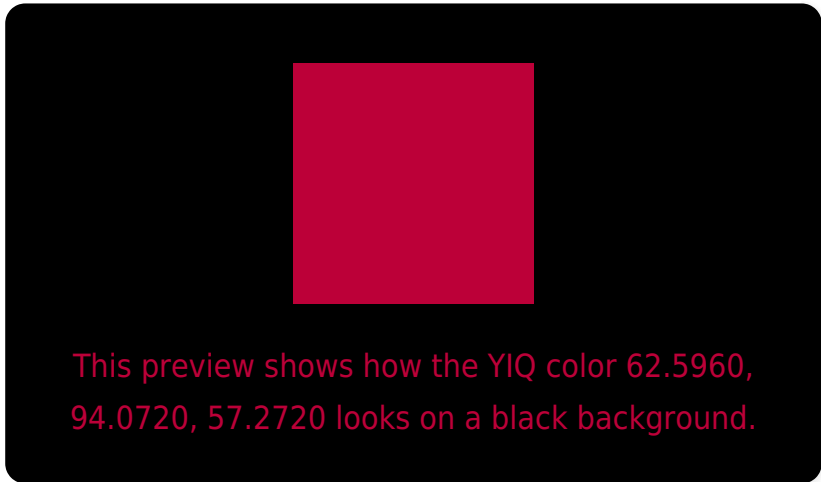
Any Text WCAG AA ✓ Pass

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 62.5960, 94.0720, 57.2720

## Background



This preview shows how black text looks on a background with the YIQ color 62.5960, 94.0720, 57.2720.



This preview shows how white text looks on a background with the YIQ color 62.5960, 94.0720,



# 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

62.5960, 94.0720, 57.2720

### Protanopia

95.7140, 6.5570, -3.1950

### Deuteranopia

94.0570, 30.2160, -7.9600



## Tritanopia

71.4660, 99.3490, 33.2130

# Trichromacy



## Original Color

62.5960, 94.0720, 57.2720

## Protanomaly

83.5970, 38.4640, 18.7840

## Deuteranomaly

82.5030, 53.2280, 15.5320

## Tritanomaly

68.3660, 97.0550, 41.7510

# Monochromacy



## Original Color

62.5960, 94.0720, 57.2720

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

62.6120, 34.1080, 20.6360

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 62.5960, 94.0720, 57.2720 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(188, 0, 56)` looks like.

```
.text, #text, p{  
    color:rgb(188, 0, 56)  
}
```

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(188, 0, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 0, 56) }
```

## Border

The CSS property to change the border of an element to YIQ 62.5960, 94.0720, 57.2720 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(188, 0, 56) }
```



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

```
.border{ border-color:rgb(188, 0, 56) }
```

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

Here you see how a box with a 4 pixel rgb(188, 0, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 0, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 0, 56);  
box-shadow:4px 4px 4px 4px rgb(188, 0, 56)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 62.5960, 94.0720, 57.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 0, 56) }
```

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

```
.background{ background-color: rgb(188, 0,  
56) }
```

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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