

Converting Colors

YIQ(60.9590, 88.6160, 57.0320)

Have a look what the booklet for
YIQ(60.9590, 88.6160, 57.0320)
contains.

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Color

**YIQ(60.9590, 88.6160,
57.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	B5003C
RGB	181, 0, 60
RGB Percent	71%, 0%, 24%
CMY	0.2897, 0.9999, 0.7644
CMYK	0.00, 1.00, 0.67, 0.29
HSL	340°, 100%, 36%
HSV	340°, 100%, 71%
XYZ	19.9017, 10.1653, 5.1989
YIQ	60.9590, 88.6160, 57.0320

Conversions

Conversions Part 2

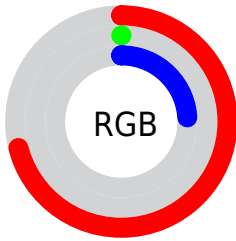
Format	Color
R_YB	181, 0, 60
Decimal	11862076
CIE Lab	38.14, 63.56, 20.78
CIE LCh	38, 66.868, 18.108
Yxy	10.1653, 0.5643, 0.2882
Android (android.graphics.Color)	4290052156 (0xFFB5003C)
YUV	60.9590, -0.4728, 105.2760
Hunter-Lab	31.8830, 55.6264, 12.6501

Details

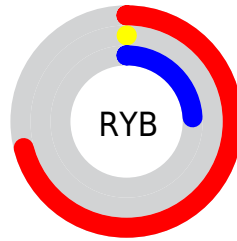
The YIQ color **60.9590, 88.6160, 57.0320** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **120.0410, -88.6160, -57.0320**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **132.4020, 88.2060, 42.4300**, and **38.0460, 65.4210, 31.3490** is the 20% darker color. If you saturate the color by 10%, you get **60.9590, 88.6160, 57.0320**, and if you desaturate by 10%, it is **72.8930, 79.8140, 51.3500**.

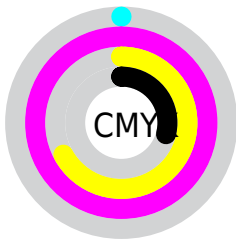
Distribution



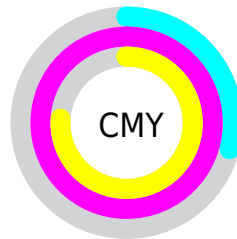
- Red (71%)
- Green (0%)
- Blue (24%)



- Red (71%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 60.9590, 88.6160, 57.0320 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 60.9590, 88.6160, 57.0320 by changing the saturation by 10% instead.


 60.9590, 88.6160,
57.0320


 60.9590, 88.6160,
57.0320


255.0000, -0.0000,
-0.0000

 49.2960, 76.8810,
43.9290


 132.7010, 88.8020,
42.6420


 38.0460, 65.4210,
31.3490


 155.8630, 79.3580,
37.5820


 27.0240, 53.3190,
19.3910

 175.8500, 63.0370,
30.5010

 18.8800, 35.9890,
14.0770

 195.3640, 46.6700,
24.2540

 7.5890, 14.5790,
5.6110

 215.5790, 29.7070,
17.7950

 0.0000, 0.0000,
0.0000

 236.3810, 12.4690,

10.8130

■ 60.9590, 88.6160,
57.0320

■ 72.8930, 79.8140,
51.3500

■ 84.8270, 71.0120,
45.6680

■ 96.7610, 62.2100,
39.9860

■ 108.8090, 53.0870,
34.6150

■ 121.3300, 44.0100,
28.4100

■ 133.2640, 35.2080,
22.7280

■ 145.1980, 26.4060,
17.0460

■ 157.1320, 17.6040,
11.3640

■ 169.0660, 8.8020,
5.6820

Harmonies

Analogous

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



67.0710, 65.4140, 70.0380



60.9590, 88.6160, 57.0320



78.7880, 82.8020, 8.1940

Triad

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



60.9590, 88.6160, 57.0320



62.8090, -29.4250, -55.9610



82.9190, -91.5620, 7.3980

Complementary

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



60.9590, 88.6160, 57.0320



120.0410, -88.6160, -57.0320

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.



84.5370, -85.0950, -5.1830



60.9590, 88.6160, 57.0320



72.6810, -51.7110, -37.5270

Square

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



60.9590, 88.6160, 57.0320



80.8590, 21.0050, -33.7710



79.6520, -69.9620, -20.6340



72.0110, -85.6490, 15.8790

Rectangle

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



60.9590, 88.6160, 57.0320



83.8360, 64.5110, -7.2410



79.6520, -69.9620, -20.6340



83.9960, -90.4610, 3.9630

Sweetspot

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



60.9590, 88.6160, 57.0320



187.9650, 34.6120, 22.5160



56.8130, 14.0150, 81.9430



89.1540, 20.5380, 13.2580



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



60.9590, 88.6160, 57.0320



79.1570, 115.0220, 74.0780



71.7290, 99.6260, 22.6820



86.0330, 4.4010, 2.8410



52.5720, 76.2840, 49.2440



9.3980, 13.7990, 8.7350

Inverse Universe

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



60.9590, 88.6160, 57.0320



79.1570, 115.0220, 74.0780



109.2710, -99.6260, -22.6820



86.0330, 4.4010, 2.8410



52.5720, 76.2840, 49.2440



9.3980, 13.7990, 8.7350

Previews

White Background



This preview shows how the YIQ color 60.9590, 88.6160, 57.0320 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

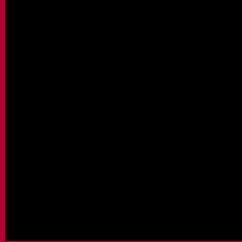
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.9590, 88.6160, 57.0320

Background



This preview shows how black text looks on a background with the YIQ color 60.9590, 88.6160, 57.0320.



This preview shows how white text looks on a background with the YIQ color 60.9590, 88.6160,

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

60.9590, 88.6160, 57.0320

Protanopia

92.5550, 2.7510, -0.2970

Deuteranopia

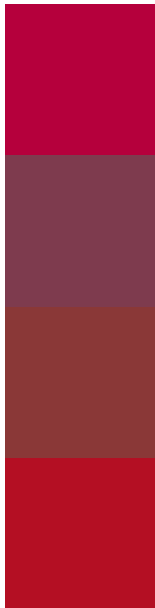
91.3710, 26.4560, -5.8960



Tritanopia

70.3020, 93.9390, 32.1390

Trichromacy



Original Color

60.9590, 88.6160, 57.0320

Protanomaly

81.1990, 33.8330, 20.1130

Deuteranomaly

80.4040, 49.1930, 17.0730

Tritanomaly

66.6150, 91.9200, 41.2000

Monochromacy



Original Color

60.9590, 88.6160, 57.0320

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.2420, 32.2740, 20.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.9590, 88.6160, 57.0320 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(181, 0, 60)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 60)  
}
```

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(181, 0, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 60) }
```

Border

The CSS property to change the border of an element to YIQ 60.9590, 88.6160, 57.0320 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(181, 0, 60) }
```


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

```
.border{ border-color:rgb(181, 0, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 0, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 60);  
box-shadow:4px 4px 4px 4px rgb(181, 0, 60)  
}
```

Background

The CSS property to change the background color of an element to YIQ 60.9590, 88.6160, 57.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 60) }
```

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

```
.background{ background-color: rgb(181, 0,  
60) }
```

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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