

Converting Colors

YIQ(59.3350, 90.3130, 53.8090)

Have a look what the booklet for
YIQ(59.3350, 90.3130, 53.8090)
contains.

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Color

**YIQ(59.3350, 90.3130,
53.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	B30033
RGB	179, 0, 51
RGB Percent	70%, 0%, 20%
CMY	0.2976, 0.9999, 0.7997
CMYK	0.00, 1.00, 0.71, 0.30
HSL	343°, 100%, 35%
HSV	343°, 100%, 70%
XYZ	19.2167, 9.8374, 4.0273
YIQ	59.3350, 90.3130, 53.8090

Conversions

Conversions Part 2

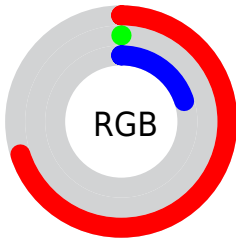
Format	Color
R_{YB}	179, 0, 51
Decimal	11730995
CIE Lab	37.55, 62.65, 25.69
CIE LCh	38, 67.709, 22.296
Yxy	9.8374, 0.5809, 0.2974
Android (android.graphics.Color)	4289921075 (0xFFB30033)
YUV	59.3350, -4.1092, 104.9462
Hunter-Lab	31.3646, 54.4771, 14.3421

Details

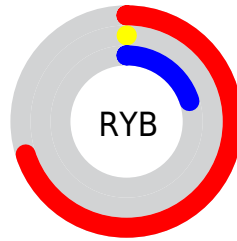
The YIQ color **59.3350, 90.3130, 53.8090** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **119.6650, -90.3130, -53.8090**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **130.3760, 91.0950, 39.6310**, and **36.0800, 68.0810, 27.1930** is the 20% darker color. If you saturate the color by 10%, you get **59.3350, 90.3130, 53.8090**, and if you desaturate by 10%, it is **71.3830, 81.1900, 48.4380**.

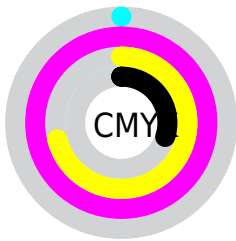
Distribution



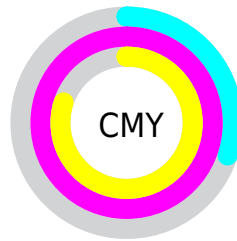
- Red (70%)
- Green (0%)
- Blue (20%)



- Red (70%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (30%)





- Cyan (30%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 59.3350, 90.3130, 53.8090 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 59.3350, 90.3130, 53.8090 by changing the saturation by 10% instead.


 59.3350, 90.3130,
53.8090


 59.3350, 90.3130,
53.8090


255.0000, -0.0000,
-0.0000


 47.6720, 78.5780,
40.7060


 130.3760, 91.0950,
39.6310


 36.0800, 68.0810,
27.1930


 154.1360, 82.8430,
34.9950


 26.1270, 51.5310,
18.7550

 174.1230, 66.5220,
27.9140

 17.8690, 34.5220,
13.1300

 193.5230, 50.4760,
21.3560

 5.9800, 11.9200,
4.2400

 213.7380, 33.5130,
14.8970

 0.0000, 0.0000,
0.0000

 234.5400, 16.2750,

7.9150

254.4130, 0.2750,
0.5230

■ 59.3350, 90.3130,
53.8090

■ 71.3830, 81.1900,
48.4380

■ 83.4310, 72.0670,
43.0670

■ 95.3650, 63.2650,
37.3850

■ 107.4130, 54.1420,
32.0140

■ 119.4610, 45.0190,
26.6430

■ 131.5090, 35.8960,
21.2720

■ 142.9700, 27.0480,
16.4240

■ 155.0180, 17.9250,
11.0530

■ 166.9520, 9.1230,
5.3710

Harmonies

Analogous

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



64.2950, 70.5950, 69.7550



59.3350, 90.3130, 53.8090



78.3530, 79.5930, 5.7770

Triad

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



59.3350, 90.3130, 53.8090



62.6780, -30.4340, -54.1940



81.2720, -91.0580, 9.2780

Complementary

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



59.3350, 90.3130, 53.8090



119.6650, -90.3130, -53.8090

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.



83.9330, -86.1500, -2.5820



59.3350, 90.3130, 53.8090



72.7780, -53.3620, -35.1380

Square

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



59.3350, 90.3130, 53.8090



78.4560, 14.7700, -36.4140



79.8630, -71.9340, -17.9340



77.4050, -66.0270, 23.7090

Rectangle

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



59.3350, 90.3130, 53.8090



82.9170, 59.7890, -9.7710



79.8630, -71.9340, -17.9340



83.1640, -90.8740, 5.9420

Sweetspot

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



59.3350, 90.3130, 53.8090



185.2100, 35.3000, 21.0600



57.7810, 17.0410, 82.1690



88.9260, 21.1800, 12.6360



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.



59.3350, 90.3130, 53.8090



76.8920, 117.0860, 69.7100



74.6530, 96.7840, 19.1200



83.0330, 4.4010, 2.8410



50.7630, 77.0640, 46.1200



8.5720, 13.2490, 7.6890

Inverse Universe

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



59.3350, 90.3130, 53.8090



76.8920, 117.0860, 69.7100



104.3470, -96.7840, -19.1200



83.0330, 4.4010, 2.8410



50.7630, 77.0640, 46.1200



8.5720, 13.2490, 7.6890

Previews

White Background



This preview shows how the YIQ color 59.3350, 90.3130, 53.8090 looks on a white background.

Color Contrast Check

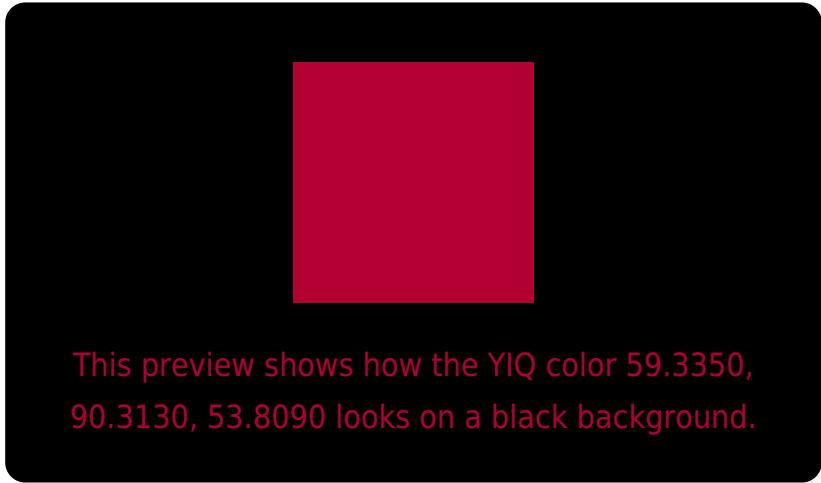
Large Text (above 18pt) WCAG AA ✓ Pass

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

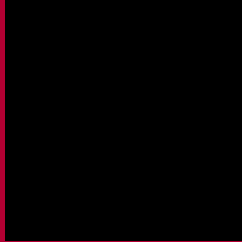
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.3350, 90.3130, 53.8090

Background



This preview shows how black text looks on a background with the YIQ color 59.3350, 90.3130, 53.8090.



This preview shows how white text looks on a background with the YIQ color 59.3350, 90.3130,

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

59.3350, 90.3130, 53.8090

Protanopia

90.7850, 7.7950, -3.6050

Deuteranopia

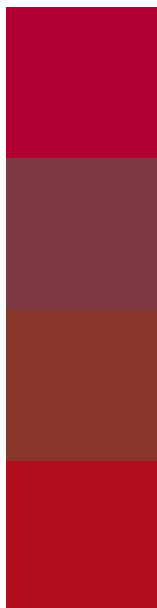
89.6440, 29.9410, -8.4830



Tritanopia

67.3730, 95.1770, 31.7290

Trichromacy



Original Color

59.3350, 90.3130, 53.8090

Protanomaly

79.3580, 37.6390, 17.2150

Deuteranomaly

78.3780, 52.0820, 14.2740

Tritanomaly

64.1590, 93.2040, 39.9560

Monochromacy



Original Color

59.3350, 90.3130, 53.8090

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.4870, 32.9620, 19.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.3350, 90.3130, 53.8090 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(179, 0, 51)` looks like.

```
.text, #text, p{  
    color:rgb(179, 0, 51)  
}
```

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(179, 0, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 51) }
```

Border

The CSS property to change the border of an element to YIQ 59.3350, 90.3130, 53.8090 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(179, 0, 51) }
```


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

```
.border{ border-color:rgb(179, 0, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 0, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(179, 0, 51)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.3350, 90.3130, 53.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 51) }
```

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

```
.background{ background-color: rgb(179, 0,  
51) }
```

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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