

Converting Colors

YIQ(59.4680, 114.2030, 39.3470)

Have a look what the booklet for
YIQ(59.4680, 114.2030, 39.3470)
contains.

YIQ(59.4680, 114.2030, 39.3470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(59.4680, 114.2030,
39.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	C10300
RGB	193, 3, 0
RGB Percent	76%, 1%, 0%
CMY	0.2427, 0.9884, 0.9995
CMYK	0.00, 0.98, 1.00, 0.24
HSL	1°, 100%, 38%
HSV	1°, 100%, 76%
XYZ	22.0539, 11.4162, 1.0445
YIQ	59.4680, 114.2030, 39.3470

Conversions

Conversions Part 2

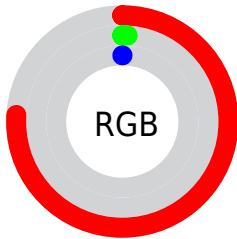
Format	Color
RYB	193, 3, 0
Decimal	12649216
CIELab	40.27, 64.69, 54.53
CIELCh	40, 84.605, 40.127
Yxy	11.4162, 0.6390, 0.3308
Android (android.graphics.Color)	4290839296 (0xFFC10300)
YUV	59.4680, -29.3177, 117.1076
Hunter-Lab	33.7879, 57.3813, 21.8186

Details

The YIQ color **59.4680, 114.2030, 39.3470** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **133.5320, -114.2030, -39.3470**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **130.7800, 112.7840, 26.5120**, and **38.5710, 76.8840, 27.3480** is the 20% darker color. If you saturate the color by 10%, you get **59.4680, 114.2030, 39.3470**, and if you desaturate by 10%, it is **72.7870, 102.8790, 35.3190**.

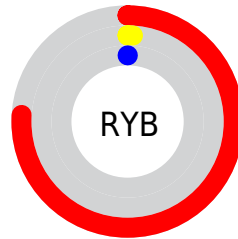
Distribution



Red (76%)

Green (1%)

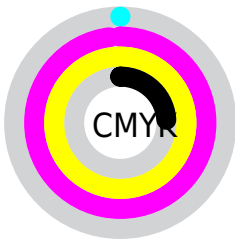
Blue (0%)



Red (76%)

Yellow (1%)

Blue (0%)

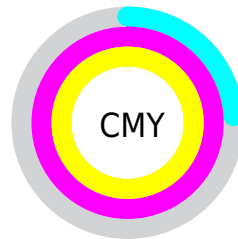


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.4680, 114.2030, 39.3470 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 59.4680, 114.2030, 39.3470 by changing the saturation by 10% instead.

■ 59.4680, 114.2030,
39.3470

■ 59.4680, 114.2030,
39.3470

■ 252.9480, 5.7780,
-5.5980

■ 48.1390, 95.9560,
34.1320

■ 130.7800,
112.7840, 26.5120

■ 38.5710, 76.8840,
27.3480

■ 150.6530, 96.7840,
19.1200

■ 29.3020, 58.4080,
20.7760

■ 170.5260, 80.7840,
11.7280

■ 20.9730, 40.1610,
15.5610

■ 190.3990, 64.7840,
4.3360

■ 10.8780, 21.1350,
7.9430


■ 210.5000, 48.1420,
-2.4340


■ 0.0000, 0.0000,
0.0000


■ 231.1880, 31.2250,


-9.7270


 249.6420, 15.0870,
-14.6170


 59.4680, 114.2030,
39.3470

 72.7870, 102.8790,
35.3190

 86.2200, 91.2340,
31.6020

 99.5390, 79.9100,
27.5740

 112.8580, 68.5860,
23.5460

 126.2910, 56.9410,
19.8290

■ 139.6100, 45.6170,
15.8010

■ 152.9290, 34.2930,
11.7730

■ 166.3620, 22.6480,
8.0560

■ 179.6810, 11.3240,
4.0280

Harmonies

Analogous

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



71.0410, 100.4890, 67.6330



59.4680, 114.2030, 39.3470



88.5980, 71.1130, -5.7430

Triad

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



59.4680, 114.2030, 39.3470



74.7550, -46.5280, -48.8640



84.3160, -102.3850, 21.8310

Complementary

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



59.4680, 114.2030, 39.3470



133.5320, -114.2030, -39.3470

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.



94.0840, -105.0880, 10.2400



59.4680, 114.2030, 39.3470



84.4790, -71.1530, -26.5850

Square

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



59.4680, 114.2030, 39.3470



66.3310, -31.0750, -59.0990



92.0030, -92.3390, -6.0590



93.9430, -10.7390, 56.9810

Rectangle

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



59.4680, 114.2030, 39.3470



89.2750, 43.5610, -24.0470



92.0030, -92.3390, -6.0590



88.6530, -104.9520, 18.7920

Sweetspot

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



59.4680, 114.2030, 39.3470



198.0120, 44.4250, 15.3770



79.7090, 53.0750, 100.9390



94.0420, 26.5450, 9.0170



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.



59.4680, 114.2030, 39.3470



77.0980, 147.9000, 50.9080



114.6460, 88.3530, -9.8150



89.9900, 5.9600, 2.1200



49.3130, 95.4060, 33.0860



9.8670, 19.6680, 6.9960

Inverse Universe

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



133.5320, -114.2030, -39.3470



172.9020, -147.9000, -50.9080



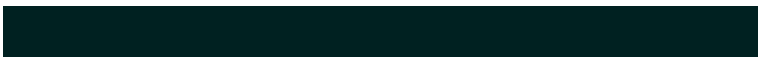
78.9410, -88.6280, 9.2920



94.0100, -5.9600, -2.1200



111.1000, -95.1310, -32.5630



23.1330, -19.6680, -6.9960

Previews

White Background



This preview shows how the YIQ color 59.4680, 114.2030, 39.3470 looks on a white background.

Color Contrast Check

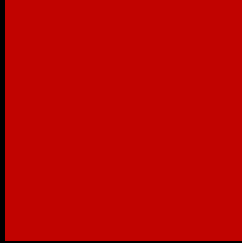
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 59.4680, 114.2030, 39.3470 looks on a 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 59.4680, 114.2030, 39.3470

Background



This preview shows how black text looks on a background with the YIQ color 59.4680, 114.2030, 39.3470.



This preview shows how white text looks on a background with the YIQ color 59.4680, 114.2030,

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

59.4680, 114.2030, 39.3470

Protanopia

92.9670, 29.9890, -20.3710

Deuteranopia

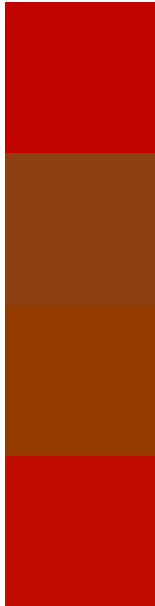
91.3680, 47.7330, -22.5630



Tritanopia

67.9740, 109.4820, 31.2900

Trichromacy



Original Color

59.4680, 114.2030, 39.3470

Protanomaly

80.6650, 60.9790, 1.7070

Deuteranomaly

79.4720, 71.7080, -0.0040

Tritanomaly

65.0390, 110.8570, 33.9050

Monochromacy



Original Color

59.4680, 114.2030, 39.3470

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.5170, 41.4450, 14.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.4680, 114.2030, 39.3470 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(193, 3, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 3, 0)  
}
```

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(193, 3, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 3, 0) }
```

Border

The CSS property to change the border of an element to YIQ 59.4680, 114.2030, 39.3470 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(193, 3, 0) }
```


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

```
.border{ border-color:rgb(193, 3, 0) }
```

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

Here you see how a box with a 4 pixel rgb(193, 3, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 3, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(193, 3, 0); box-shadow:4px  
4px 4px 4px rgb(193, 3, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 59.4680, 114.2030, 39.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 3, 0) }
```

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

```
.background{ background-color: rgb(193, 3,  
0) }
```

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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