

Converting Colors

YIQ(118.0310, 68.6360, 0.6040)

Have a look what the booklet for
YIQ(118.0310, 68.6360, 0.6040)
contains.

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Color

**YIQ(118.0310, 68.6360,
0.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	B8632B
RGB	184, 99, 43
RGB Percent	72%, 39%, 17%
CMY	0.2783, 0.6119, 0.8311
CMYK	0.00, 0.46, 0.77, 0.28
HSL	24°, 62%, 45%
HSV	24°, 77%, 72%
XYZ	24.6734, 19.2875, 4.7157
YIQ	118.0310, 68.6360, 0.6040

Conversions

Conversions Part 2

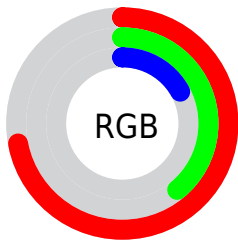
Format	Color
RYB	184, 136, 43
Decimal	12084011
CIELab	51.02, 30.07, 45.32
CIELCh	51, 54.388, 56.435
Yxy	19.2875, 0.5069, 0.3962
Android (android.graphics.Color)	4290274091 (0xFFB8632B)
YUV	118.0310, -36.9903, 57.8548
Hunter-Lab	43.9176, 23.4275, 24.3760

Details

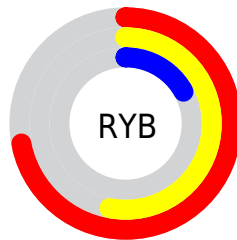
The YIQ color **118.0310, 68.6360, 0.6040** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **108.9690, -68.6360, -0.6040**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **172.3800, 74.9630, 1.5790**, and **66.7250, 60.7500, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **109.5220, 77.4390, 0.7590**, and if you desaturate by 10%, it is **126.5400, 59.8330, 0.4490**.

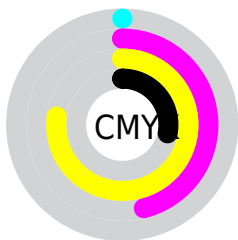
Distribution



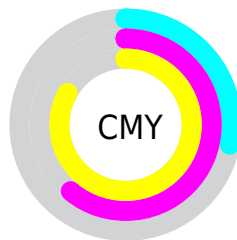
- Red (72%)
- Green (39%)
- Blue (17%)



- Red (72%)
- Yellow (53%)
- Blue (17%)



- Cyan (0%)
- Magenta (46%)
- Yellow (77%)
- Black (28%)



- Cyan (28%)
- Magenta (61%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.0310, 68.6360, 0.6040 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 118.0310, 68.6360, 0.6040 by changing the saturation by 10% instead.

■ 118.0310, 68.6360,
0.6040

■ 118.0310, 68.6360,
0.6040

255.0000, -0.0000,
-0.0000

■ 91.5360, 65.6560,
-0.4560

■ 172.3800, 74.9630,
1.5790

■ 66.7250, 60.7500,
0.3500

■ 194.1830, 65.1520,
-2.3360

■ 44.5530, 49.7910,
6.2310

■ 213.5830, 49.1060,
-8.8940

■ 21.5060, 39.9780,
13.3700

■ 233.0970, 32.7390,
-15.1410

■ 13.2700, 25.9030,
9.6390

■ 248.5020, 18.2970,
-17.7270

■ 0.0000, 0.0000,
0.0000

■ 251.8080, 8.9880,

-8.7080

■ 118.0310, 68.6360,
0.6040

■ 118.0310, 68.6360,
0.6040

■ 109.5220, 77.4390,
0.7590

■ 126.5400, 59.8330,
0.4490

■ 100.8990, 86.5630,
0.6030

■ 135.1630, 50.7090,
0.6050

■ 97.8670, 89.5890,
0.8290

■ 143.6720, 41.9060,
0.4500

■ 152.2950, 32.7820,
0.6060

■ 161.3910, 23.7040,
-0.0720

■ 170.0140, 14.5800,
0.0840

■ 178.5230, 5.7770,
-0.0710

■ 187.0320, -3.0260,
-0.2260

■ 195.6550,
-12.1500, -0.0700

Harmonies

Analogous

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



117.7060, 72.0700, 26.4860



118.0310, 68.6360, 0.6040



115.1250, 52.7310, -25.0370

Triad

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



118.0310, 68.6360, 0.6040



96.9370, -75.9190, -39.3350



122.3030, -30.4490, 28.7110

Complementary

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



118.0310, 68.6360, 0.6040



108.9690, -68.6360, -0.6040

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.



100.1190, -104.1690, -0.9130



118.0310, 68.6360, 0.6040



102.4090, -91.3270, -24.4070

Square

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



118.0310, 68.6360, 0.6040



99.6960, -38.8720, -44.4400



104.1650, -101.7830, -11.1190



124.6810, 21.6330, 42.9850

Rectangle

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



118.0310, 68.6360, 0.6040



112.7800, 31.4130, -35.1710



104.1650, -101.7830, -11.1190



116.9410, -53.0970, 20.6550

Sweetspot

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



118.0310, 68.6360, 0.6040



213.7720, 27.0050, 0.6770



95.0770, 56.1090, 56.9490



104.3840, 16.4140, -0.1140



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



118.0310, 68.6360, 0.6040



136.7350, 107.5160, 0.8280



158.5340, 49.6610, -35.4830



87.4520, 4.5390, 0.3390



83.0380, 75.9260, 0.6460



14.8290, 13.6630, 0.1830

Inverse Universe

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



108.9690, -68.6360, -0.6040



122.2650, -107.5160, -0.8280



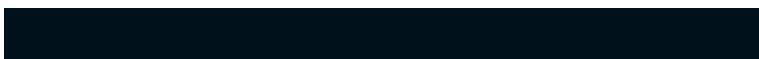
69.0530, -49.9360, 34.9600



86.9610, -4.2640, 0.1840



72.9620, -75.9260, -0.6460



13.1710, -13.6630, -0.1830

Previews

White Background



This preview shows how the YIQ color 118.0310, 68.6360, 0.6040 looks on a white 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

Black Background



This preview shows how the YIQ color 118.0310, 68.6360, 0.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

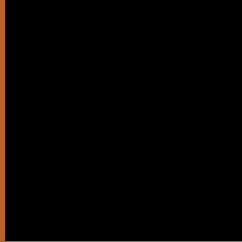
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.0310, 68.6360, 0.6040

Background



This preview shows how black text looks on a background with the YIQ color 118.0310, 68.6360, 0.6040.



This preview shows how white text looks on a background with the YIQ color 118.0310, 68.6360,

0.6040.

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

118.0310, 68.6360, 0.6040

Protanopia

117.9780, 31.4560, -19.4240

Deuteranopia

118.1710, 47.0900, -16.4140



Tritanopia

121.9040, 53.7770, 22.1050

Trichromacy



Original Color

118.0310, 68.6360, 0.6040

Protanomaly

118.0230, 44.7510, -12.5690

Deuteranomaly

118.1660, 54.6540, -10.3220

Tritanomaly

120.3850, 59.3720, 14.3160

Monochromacy



Original Color

118.0310, 68.6360, 0.6040

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9890, 24.8960, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.0310, 68.6360, 0.6040 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(184, 99, 43)` looks like.

```
.text, #text, p{  
    color:rgb(184, 99, 43)  
}
```

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(184, 99, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 99, 43) }
```

Border

The CSS property to change the border of an element to YIQ 118.0310, 68.6360, 0.6040 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(184, 99, 43) }
```


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

```
.border{ border-color:rgb(184, 99, 43) }
```

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

Here you see how a box with a 4 pixel rgb(184, 99, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 99, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 99, 43);  
box-shadow:4px 4px 4px 4px rgb(184, 99,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 118.0310, 68.6360, 0.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 99, 43) }
```

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

```
.background{ background-color: rgb(184, 99,  
43) }
```

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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