

Converting Colors

YIQ(118.9390, 79.9180,
-16.6420)

Have a look what the booklet for
YIQ(118.9390, 79.9180, -16.6420)
contains.

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Color

**YIQ(118.9390, 79.9180,
-16.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	B96C02
RGB	185, 108, 2
RGB Percent	73%, 42%, 1%
CMY	0.2744, 0.5766, 0.9917
CMYK	0.00, 0.42, 0.99, 0.27
HSL	35°, 98%, 37%
HSV	35°, 99%, 73%
XYZ	25.3854, 21.0408, 2.7837
YIQ	118.9390, 79.9180, -16.6420

Conversions

Conversions Part 2

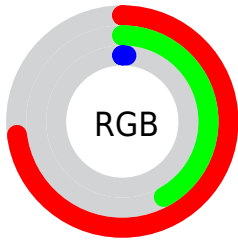
Format	Color
RYB	135, 185, 2
Decimal	12151810
CIELab	52.99, 24.61, 60.04
CIELCh	53, 64.885, 67.712
Yxy	21.0408, 0.5159, 0.4276
Android (android.graphics.Color)	4290341890 (0xFFB96C02)
YUV	118.9390, -57.6509, 57.9355
Hunter-Lab	45.8703, 18.5120, 28.5111

Details

The YIQ color **118.9390, 79.9180, -16.6420** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **68.0610, -79.9180, 16.6420**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2970, 82.0260, -10.7900**, and **72.8940, 58.5960, -4.6680** is the 20% darker color. If you saturate the color by 10%, you get **118.1240, 80.8350, -16.7410**, and if you desaturate by 10%, it is **125.8010, 71.6190, -14.9170**.

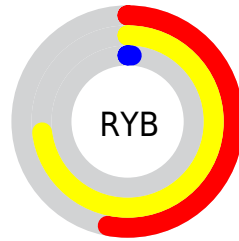
Distribution



Red (73%)

Green (42%)

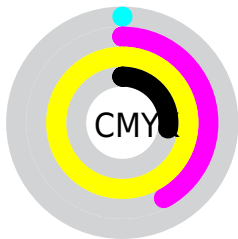
Blue (1%)



Red (53%)

Yellow (73%)

Blue (1%)

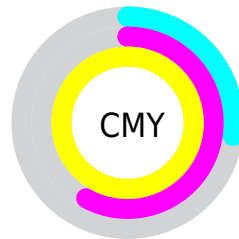


Cyan (0%)

Magenta (42%)

Yellow (99%)

Black (27%)



Cyan (27%)


Magenta (58%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.9390, 79.9180, -16.6420 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 118.9390, 79.9180, -16.6420 by changing the saturation by 10% instead.


 118.9390, 79.9180,
-16.6420


 118.9390, 79.9180,
-16.6420


255.0000, -0.0000,
-0.0000


 95.0660, 69.5550,
-10.5490


 175.2970, 82.0260,
-10.7900


 72.8940, 58.5960,
-4.6680


 196.5020, 71.0230,
-15.1290


 50.4230, 47.0410,
1.0010

 216.0160, 54.6560,
-21.3760

 29.1370, 36.4030,
6.5710

 235.4160, 38.6100,
-27.9340

 12.8570, 25.6280,
9.1160

 245.6520, 26.3220,
-25.5020

 0.0000, 0.0000,
0.0000

 248.8440, 17.3340,

-16.7940

■ 252.1500, 8.0250,
-7.7750

■ 118.9390, 79.9180,
-16.6420

■ 118.9390, 79.9180,
-16.6420

■ 118.1240, 80.8350,
-16.7410

■ 125.8010, 71.6190,
-14.9170

■ 132.5490, 63.6410,
-13.5030

■ 138.8240, 55.6170,
-11.2550

■ 145.5720, 47.6390,
-9.8410

■ 152.4340, 39.3400,
-8.1160

■ 159.1820, 31.3620,
-6.7020

■ 166.0440, 23.0630,
-4.9770

■ 172.2050, 15.3600,
-3.0400

■ 179.0670, 7.0610,
-1.3150

Harmonies

Analogous

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



119.6720, 86.6050, 21.8770



118.9390, 79.9180, -16.6420



117.2840, 47.3690, -37.9990

Triad

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



118.9390, 79.9180, -16.6420



105.1840, -86.7400, -35.9560



129.6140, -11.7910, 43.0010

Complementary

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



118.9390, 79.9180, -16.6420



68.0610, -79.9180, 16.6420

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.



102.8550, -111.8730, 6.5510



118.9390, 79.9180, -16.6420



110.7530, -103.7990, -18.6390

Square

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



118.9390, 79.9180, -16.6420



96.8110, -67.2970, -52.4250



110.7480, -113.4300, -3.7820



125.5750, 45.8390, 55.8470

Rectangle

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



118.9390, 79.9180, -16.6420



111.2050, 22.2460, -50.7620



110.7480, -113.4300, -3.7820



127.0670, -35.3560, 35.0440

Sweetspot

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



118.9390, 79.9180, -16.6420



213.5950, 31.6370, -6.1790



65.7230, 83.7090, 63.3650



104.5320, 18.7530, -3.9590



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.



118.9390, 79.9180, -16.6420



153.3530, 104.8150, -21.8170



160.5500, 51.5910, -59.4570



88.6260, 3.9890, -0.7070



99.4740, 68.2260, -13.9980



17.7640, 12.2880, -2.4320

Inverse Universe

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



68.0610, -79.9180, 16.6420



86.6470, -104.8150, 21.8170



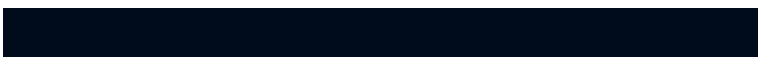
26.4500, -51.5910, 59.4570



85.7870, -3.7140, 1.2300



56.5260, -68.2260, 13.9980



10.2360, -12.2880, 2.4320

Previews

White Background



This preview shows how the YIQ color 118.9390, 79.9180, -16.6420 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 118.9390, 79.9180, -16.6420 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 118.9390, 79.9180, -16.6420

Background



This preview shows how black text looks on a background with the YIQ color 118.9390, 79.9180, -16.6420.



This preview shows how white text looks on a background with the YIQ color 118.9390, 79.9180, -16.6420.

-16.6420.

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

118.9390, 79.9180, -16.6420

Protanopia

118.9020, 45.8090, -31.7510

Deuteranopia

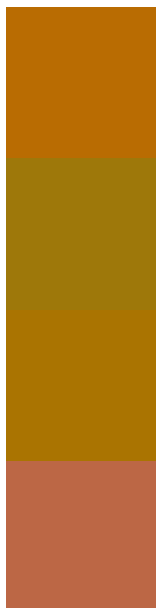
119.1660, 62.6810, -29.1510



Tritanopia

127.5230, 50.4760, 21.3560

Trichromacy



Original Color

118.9390, 79.9180, -16.6420

Protanomaly

118.8220, 57.9580, -26.1540

Deuteranomaly

119.0360, 69.0990, -24.3170

Tritanomaly

124.5390, 61.5740, 7.4460

Monochromacy



Original Color

118.9390, 79.9180, -16.6420

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9260, 29.2070, -6.1930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.9390, 79.9180, -16.6420 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(185, 108, 2)` looks like.

```
.text, #text, p{  
    color:rgb(185, 108, 2)  
}
```

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(185, 108, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 108, 2) }
```

Border

The CSS property to change the border of an element to YIQ 118.9390, 79.9180, -16.6420 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(185, 108, 2) }
```


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

```
.border{ border-color:rgb(185, 108, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 108, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 108, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 108, 2);  
box-shadow:4px 4px 4px 4px rgb(185, 108,  
2) }
```

Background

The CSS property to change the background color of an element to YIQ 118.9390, 79.9180, -16.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 108, 2) }
```

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

```
.background{ background-color: rgb(185,  
108, 2) }
```

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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