

Converting Colors

YIQ(111.5010, 81.9320, 1.9320)

Have a look what the booklet for
YIQ(111.5010, 81.9320, 1.9320)
contains.

YIQ(111.5010, 81.9320, 1.9320)	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(111.5010, 81.9320,
1.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5818
RGB	191, 88, 24
RGB Percent	75%, 35%, 9%
CMY	0.2508, 0.6550, 0.9055
CMYK	0.00, 0.54, 0.87, 0.25
HSL	23°, 78%, 42%
HSV	23°, 87%, 75%
XYZ	25.1510, 18.1218, 3.0416
YIQ	111.5010, 81.9320, 1.9320

Conversions

Conversions Part 2

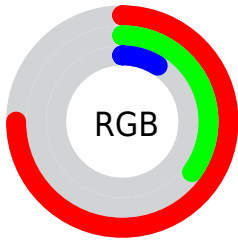
Format	Color
RYB	191, 128, 24
Decimal	12539928
CIELab	49.64, 38.06, 52.49
CIELCh	50, 64.838, 54.059
Yxy	18.1218, 0.5430, 0.3913
Android (android.graphics.Color)	4290730008 (0xFFBF5818)
YUV	111.5010, -43.1380, 69.7206
Hunter-Lab	42.5697, 30.9644, 25.5625

Details

The YIQ color **111.5010, 81.9320, 1.9320** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **103.4990, -81.9320, -1.9320**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3770, 88.2130, 3.7410**, and **61.4750, 67.6260, 7.8980** is the 20% darker color. If you saturate the color by 10%, you get **102.2910, 91.3310, 2.2990**, and if you desaturate by 10%, it is **120.7110, 72.5330, 1.5650**.

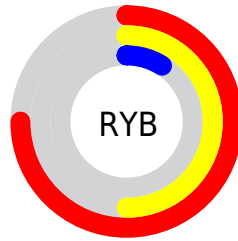
Distribution



Red (75%)

Green (35%)

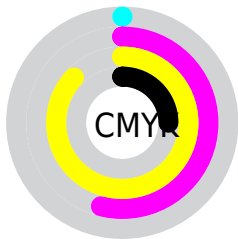
Blue (9%)



Red (75%)

Yellow (50%)

Blue (9%)

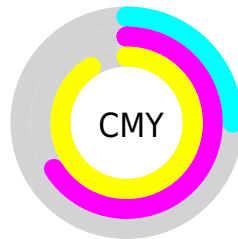


Cyan (0%)

Magenta (54%)

Yellow (87%)

Black (25%)



Cyan (25%)

Magenta (66%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.5010, 81.9320, 1.9320 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 111.5010, 81.9320, 1.9320 by changing the saturation by 10% instead.

■ 111.5010, 81.9320,
1.9320

■ 111.5010, 81.9320,
1.9320

■ 255.0000, -0.0000,
-0.0000

■ 84.8210, 78.0350,
0.9710

■ 166.6760, 88.8090,
3.9530

■ 60.8880, 67.9010,
8.4210

■ 185.6740, 73.9550,
-2.1810

■ 34.8950, 57.9960,
17.2280

■ 205.0740, 57.9090,
-8.7390

■ 21.5280, 42.9120,
15.2640

■ 224.5880, 41.5420,
-14.9860

■ 14.2810, 27.3700,
10.5860

■ 244.8030, 24.5790,
-21.4450

■ 0.0000, 0.0000,
0.0000

■ 249.7560, 14.7660,

-14.3060

252.9480, 5.7780,
-5.5980

111.5010, 81.9320,
1.9320

111.5010, 81.9320,
1.9320

102.2910, 91.3310,
2.2990

120.7110, 72.5330,
1.5650

99.9600, 93.7610,
2.3130

129.9210, 63.1340,
1.1980

138.5440, 54.0100,
1.3540

147.8680, 44.2900,
1.2980

157.0780, 34.8910,
0.9310

■ 166.2880, 25.4920,
0.5640

■ 175.4980, 16.0930,
0.1970

■ 184.1210, 6.9690,
0.3530

■ 193.3310, -2.4300,
-0.0140

Harmonies

Analogous

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



108.8590, 85.1810, 36.6770



111.5010, 81.9320, 1.9320



111.1920, 59.7920, -26.3520

Triad

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



111.5010, 81.9320, 1.9320



95.3240, -72.7550, -41.6110



115.6850, -46.0840, 31.2280

Complementary

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



111.5010, 81.9320, 1.9320



103.4990, -81.9320, -1.9320

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.



101.1280, -108.3880, 3.9640



111.5010, 81.9320, 1.9320



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.



111.5010, 81.9320, 1.9320



86.4780, -53.3580, -57.2460



105.1910, -104.6720, -8.3200



120.2500, 21.7690, 51.5370

Rectangle

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



111.5010, 81.9320, 1.9320



108.3690, 36.8240, -39.6240



105.1910, -104.6720, -8.3200



100.1350, -91.9300, 14.0700

Sweetspot

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



111.5010, 81.9320, 1.9320



216.8110, 31.2690, 0.4930



86.0170, 65.5060, 68.3700



106.4660, 19.1190, 0.4230



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.



111.5010, 81.9320, 1.9320



129.6180, 121.0870, 2.6790



159.0480, 59.6570, -40.4310



90.0390, 4.2640, -0.1840



82.4620, 77.6680, 2.1160



16.3130, 15.1760, 0.2960

Inverse Universe

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



103.4990, -81.9320, -1.9320



117.9690, -121.3620, -3.2020



55.9520, -59.6570, 40.4310



89.5480, -4.5390, -0.3390



75.5380, -77.6680, -2.1160



14.6870, -15.1760, -0.2960

Previews

White Background



This preview shows how the YIQ color 111.5010, 81.9320, 1.9320 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 111.5010, 81.9320, 1.9320 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 111.5010, 81.9320, 1.9320

Background



This preview shows how black text looks on a background with the YIQ color 111.5010, 81.9320, 1.9320.



This preview shows how white text looks on a background with the YIQ color 111.5010, 81.9320,

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

111.5010, 81.9320, 1.9320

Protanopia

113.2680, 36.2710, -24.0890

Deuteranopia

111.1810, 58.3250, -27.2990



Tritanopia

115.8730, 64.2300, 25.3980

Trichromacy



Original Color

111.5010, 81.9320, 1.9320

Protanomaly

112.7480, 52.7750, -14.8170

Deuteranomaly

111.4090, 66.8510, -16.6130

Tritanomaly

114.1260, 70.4670, 16.9870

Monochromacy



Original Color

111.5010, 81.9320, 1.9320

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.7400, 30.0310, 0.9030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.5010, 81.9320, 1.9320 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(191, 88, 24)` looks like.

```
.text, #text, p{  
    color:rgb(191, 88, 24)  
}
```

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(191, 88, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 88, 24) }
```

Border

The CSS property to change the border of an element to YIQ 111.5010, 81.9320, 1.9320 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(191, 88, 24) }
```


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

```
.border{ border-color:rgb(191, 88, 24) }
```

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

Here you see how a box with a 4 pixel rgb(191, 88, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 88, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 88, 24);  
box-shadow:4px 4px 4px 4px rgb(191, 88,  
24) }
```

Background

The CSS property to change the background color of an element to YIQ 111.5010, 81.9320, 1.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 88, 24) }
```

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

```
.background{ background-color: rgb(191, 88,  
24) }
```

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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