

Converting Colors

YIQ(114.9530, 69.2760, 11.0360)

Have a look what the booklet for
YIQ(114.9530, 69.2760, 11.0360)
contains.

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Color

**YIQ(114.9530, 69.2760,
11.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5939
RGB	188, 89, 57
RGB Percent	74%, 35%, 22%
CMY	0.2625, 0.6511, 0.7762
CMYK	0.00, 0.53, 0.70, 0.26
HSL	15°, 53%, 48%
HSV	15°, 70%, 74%
XYZ	25.0619, 18.1323, 6.0599
YIQ	114.9530, 69.2760, 11.0360

Conversions

Conversions Part 2

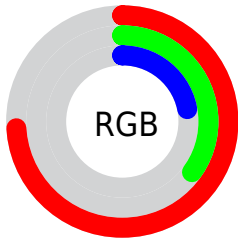
Format	Color
RYB	188, 99, 57
Decimal	12343609
CIELab	49.66, 37.62, 36.84
CIElCh	50, 52.656, 44.398
Yxy	18.1323, 0.5088, 0.3681
Android (android.graphics.Color)	4290533689 (0xFFBC5939)
YUV	114.9530, -28.5708, 64.0622
Hunter-Lab	42.5821, 30.5385, 21.3699

Details

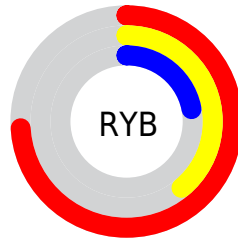
The YIQ color **114.9530, 69.2760, 11.0360** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **130.0470, -69.2760, -11.0360**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1880, 75.9240, 11.7000**, and **62.8320, 62.3070, 10.6830** is the 20% darker color. If you saturate the color by 10%, you get **104.5690, 79.2250, 12.4490**, and if you desaturate by 10%, it is **125.3370, 59.3270, 9.6230**.

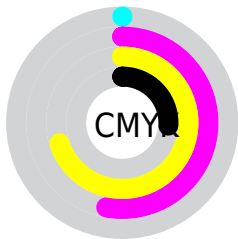
Distribution



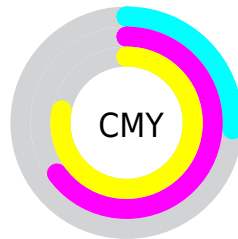
- Red (74%)
- Green (35%)
- Blue (22%)



- Red (74%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (70%)
- Black (26%)



- Cyan (26%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.9530, 69.2760, 11.0360 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 114.9530, 69.2760, 11.0360 by changing the saturation by 10% instead.

■ 114.9530, 69.2760,
11.0360

■ 114.9530, 69.2760,
11.0360

■ 255.0000, -0.0000,
-0.0000

■ 88.6860, 65.6540,
10.5980

■ 169.1880, 75.9240,
11.7000

■ 62.8320, 62.3070,
10.6830

■ 189.7950, 63.7290,
6.9370

■ 35.7700, 56.8500,
15.9700

■ 209.1950, 47.6830,
0.3790

■ 21.2290, 42.3160,
15.0520

■ 228.7090, 31.3160,
-5.8680

■ 14.2810, 27.3700,
10.5860

■ 248.9240, 14.3530,
-12.3270

■ 0.0000, 0.0000,
0.0000

■ 253.4040, 4.4940,

-4.3540

■ 114.9530, 69.2760,
11.0360

■ 114.9530, 69.2760,
11.0360

■ 104.5690, 79.2250,
12.4490

■ 125.3370, 59.3270,
9.6230

■ 94.1850, 89.1740,
13.8620

■ 135.7210, 49.3780,
8.2100

■ 83.3280, 99.0770,
16.1090

■ 146.5780, 39.4750,
5.9630

■ 83.2140, 99.3980,
15.7980

■ 156.9620, 29.5260,
4.5500

■ 167.3460, 19.5770,
3.1370

■ 177.7300, 9.6280,
1.7240

■ 188.7010, -0.5960,
-0.2120

■ 199.0850,
-10.5450, -1.6250

■ 209.3550,
-20.1730, -3.3490

Harmonies

Analogous

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



114.6980, 66.5210, 33.4410



114.9530, 69.2760, 11.0360



113.3850, 58.2310, -14.5770

Triad

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



114.9530, 69.2760, 11.0360



91.4940, -67.4820, -43.5620



112.3920, -55.9850, 17.9270

Complementary

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



114.9530, 69.2760, 11.0360



130.0470, -69.2760, -11.0360

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.



99.5660, -101.2340, -4.5460



114.9530, 69.2760, 11.0360



97.4390, -82.8440, -29.4680

Square

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



114.9530, 69.2760, 11.0360



104.4020, -11.5010, -39.3810



100.9390, -95.4550, -15.6710



121.9390, 3.1110, 37.2470

Rectangle

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



114.9530, 69.2760, 11.0360



111.2270, 43.5160, -28.7400



100.9390, -95.4550, -15.6710



94.7390, -100.0430, 1.4050

Sweetspot

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



114.9530, 69.2760, 11.0360



216.1790, 27.4170, 4.2250



107.5690, 45.9760, 58.8720



105.0790, 15.9550, 2.6990



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



114.9530, 69.2760, 11.0360



129.9440, 109.0260, 17.5220



152.5210, 51.6760, -22.4360



88.8650, 4.8140, 0.8620



69.5480, 83.7180, 13.6220



13.3780, 16.5510, 2.9110

Inverse Universe

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



130.0470, -69.2760, -11.0360



154.0560, -109.0260, -17.5220



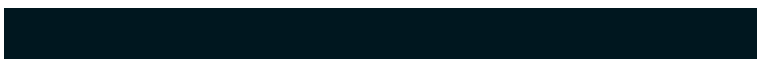
92.4790, -51.6760, 22.4360



90.1350, -4.8140, -0.8620



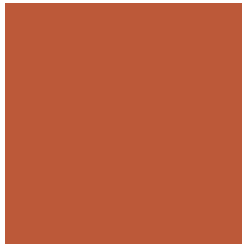
88.4520, -83.7180, -13.6220



17.0350, -16.2760, -2.3880

Previews

White Background



This preview shows how the YIQ color 114.9530, 69.2760, 11.0360 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 114.9530, 69.2760, 11.0360 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 114.9530, 69.2760, 11.0360

Background



This preview shows how black text looks on a background with the YIQ color 114.9530, 69.2760, 11.0360.



This preview shows how white text looks on a background with the YIQ color 114.9530, 69.2760,

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

114.9530, 69.2760, 11.0360

Protanopia

116.3610, 23.2480, -13.8400

Deuteranopia

116.2120, 39.8450, -11.7630



Tritanopia

117.0790, 60.6540, 24.1260

Trichromacy



Original Color

114.9530, 69.2760, 11.0360

Protanomaly

115.7270, 40.0730, -4.8790

Deuteranomaly

115.6420, 50.6180, -3.2540

Tritanomaly

115.9990, 63.6350, 19.6590

Monochromacy



Original Color

114.9530, 69.2760, 11.0360

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.3960, 25.3080, 3.9000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9530, 69.2760, 11.0360 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(188, 89, 57)` looks like.

```
.text, #text, p{  
    color:rgb(188, 89, 57)  
}
```

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(188, 89, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 89, 57) }
```

Border

The CSS property to change the border of an element to YIQ 114.9530, 69.2760, 11.0360 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(188, 89, 57) }
```


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

```
.border{ border-color:rgb(188, 89, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 89, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 89, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 89, 57);  
box-shadow:4px 4px 4px 4px rgb(188, 89,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9530, 69.2760, 11.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 89, 57) }
```

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

```
.background{ background-color: rgb(188, 89,  
57) }
```

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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