

Converting Colors

YIQ(119.7680, 68.3590, 11.1350)

Have a look what the booklet for
YIQ(119.7680, 68.3590, 11.1350)
contains.

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Color

**YIQ(119.7680, 68.3590,
11.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	C05E3F
RGB	192, 94, 63
RGB Percent	75%, 37%, 25%
CMY	0.2468, 0.6315, 0.7526
CMYK	0.00, 0.51, 0.67, 0.25
HSL	14°, 51%, 50%
HSV	14°, 67%, 75%
XYZ	26.6504, 19.5714, 7.0867
YIQ	119.7680, 68.3590, 11.1350

Conversions

Conversions Part 2

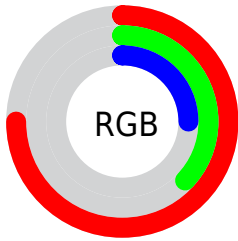
Format	Color
R_{YB}	192, 104, 63
Decimal	12607039
CIE _{Lab}	51.35, 36.96, 35.67
CIE _{LCh}	51, 51.366, 43.981
Yxy	19.5714, 0.4999, 0.3671
Android (android.graphics.Color)	4290797119 (0xFFC05E3F)
YUV	119.7680, -27.9866, 63.3475
Hunter-Lab	44.2396, 30.1111, 21.4701

Details

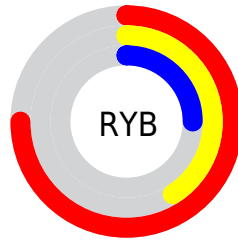
The YIQ color **119.7680, 68.3590, 11.1350** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **135.2320, -68.3590, -11.1350**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.1170, 74.6860, 12.1100**, and **67.6470, 61.3900, 10.7820** is the 20% darker color. If you saturate the color by 10%, you get **108.7970, 78.5830, 13.0710**, and if you desaturate by 10%, it is **130.7390, 58.1350, 9.1990**.

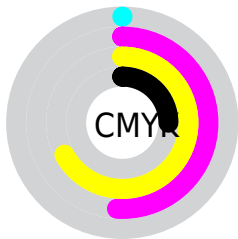
Distribution



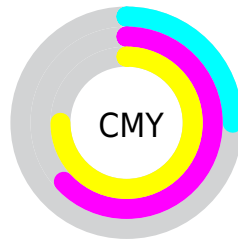
- Red (75%)
- Green (37%)
- Blue (25%)



- Red (75%)
- Yellow (41%)
- Blue (25%)



- Cyan (0%)
- Magenta (51%)
- Yellow (67%)
- Black (25%)



- Cyan (25%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.7680, 68.3590, 11.1350 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 119.7680, 68.3590, 11.1350 by changing the saturation by 10% instead.

■ 119.7680, 68.3590,
11.1350

■ 119.7680, 68.3590,
11.1350

■ 255.0000, -0.0000,
-0.0000

■ 93.5010, 64.7370,
10.6970

■ 174.1170, 74.6860,
12.1100

■ 67.6470, 61.3900,
10.7820

■ 193.4140, 60.4280,
6.1880

■ 41.0750, 57.3090,
13.1570

■ 212.9280, 44.0610,
-0.0590

■ 22.7240, 45.2960,
16.1120

■ 233.0290, 27.4190,
-6.8290

■ 15.0640, 29.4790,
10.9110

■ 250.8960, 11.5560,
-11.1960

■ 0.0000, 0.0000,
0.0000

■ 254.2020, 2.2470,

-2.1770

■ 119.7680, 68.3590,
11.1350

■ 119.7680, 68.3590,
11.1350

■ 108.7970, 78.5830,
13.0710

■ 130.7390, 58.1350,
9.1990

■ 98.4130, 88.5320,
14.4840

■ 141.1230, 48.1860,
7.7860

■ 87.3280, 99.0770,
16.1090

■ 152.2080, 37.6410,
6.1610

■ 84.4100, 101.7820,
16.6460

■ 162.5920, 27.6920,
4.7480

■ 173.5630, 17.4680,
2.8120

■ 184.5340, 7.2440,
0.8760

■ 195.0320, -3.0260,
-0.2260

■ 206.0030,
-13.2500, -2.1620

■ 216.3870,
-23.1990, -3.5750

Harmonies

Analogous

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



120.3880, 64.4580, 32.2820



119.7680, 68.3590, 11.1350



118.7270, 57.2680, -13.6440

Triad

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



119.7680, 68.3590, 11.1350



94.4120, -70.1870, -44.0990



116.8760, -54.4720, 18.0400

Complementary

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



119.7680, 68.3590, 11.1350



135.2320, -68.3590, -11.1350

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.



102.2560, -103.2970, -5.7050



119.7680, 68.3590, 11.1350



100.1290, -84.9070, -30.6270

Square

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



119.7680, 68.3590, 11.1350



109.4130, -10.0340, -38.4340



103.5150, -97.1970, -17.1410



126.2270, 2.2400, 36.5120

Rectangle

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



119.7680, 68.3590, 11.1350



116.2100, 42.1860, -26.6620



103.5150, -97.1970, -17.1410



102.9960, -90.4610, 3.9630

Sweetspot

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



119.7680, 68.3590, 11.1350



221.9940, 26.5000, 4.3240



112.8570, 45.1050, 58.1370



108.0790, 15.9550, 2.6990



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.



119.7680, 68.3590, 11.1350



136.4600, 107.5130, 17.4090



157.3360, 50.7590, -22.3370



91.7510, 5.1350, 0.5510



70.4450, 85.5060, 14.2580



14.5630, 17.4680, 2.8120

Inverse Universe

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



135.2320, -68.3590, -11.1350



160.5400, -107.5130, -17.4090



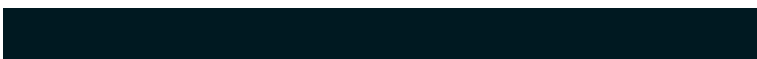
97.6640, -50.7590, 22.3370



92.8360, -5.4100, -1.0740



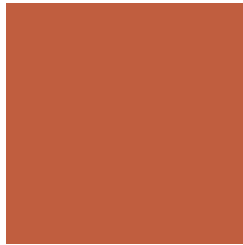
89.9680, -85.2310, -13.7350



18.4370, -17.4680, -2.8120

Previews

White Background



This preview shows how the YIQ color 119.7680, 68.3590, 11.1350 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 119.7680, 68.3590, 11.1350 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 119.7680, 68.3590, 11.1350

Background



This preview shows how black text looks on a background with the YIQ color 119.7680, 68.3590, 11.1350.



This preview shows how white text looks on a background with the YIQ color 119.7680, 68.3590,

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

119.7680, 68.3590, 11.1350

Protanopia

120.8880, 23.2020, -13.0060

Deuteranopia

120.7390, 39.7990, -10.9290



Tritanopia

121.7800, 60.0580, 23.9140

Trichromacy



Original Color

119.7680, 68.3590, 11.1350

Protanomaly

120.2540, 40.0270, -4.0450

Deuteranomaly

120.7560, 50.2970, -2.9430

Tritanomaly

120.7000, 63.0390, 19.4470

Monochromacy



Original Color

119.7680, 68.3590, 11.1350

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.0970, 24.7120, 3.6880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.7680, 68.3590, 11.1350 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(192, 94, 63)` looks like.

```
.text, #text, p{  
    color:rgb(192, 94, 63)  
}
```

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(192, 94, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 94, 63) }
```

Border

The CSS property to change the border of an element to YIQ 119.7680, 68.3590, 11.1350 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(192, 94, 63) }
```


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

```
.border{ border-color:rgb(192, 94, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 94, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 94, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 94, 63);  
box-shadow:4px 4px 4px 4px rgb(192, 94,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 119.7680, 68.3590, 11.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 94, 63) }
```

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

```
.background{ background-color: rgb(192, 94,  
63) }
```

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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