

Converting Colors

YIQ(119.0950, 71.7520, 10.2160)

Have a look what the booklet for
YIQ(119.0950, 71.7520, 10.2160)
contains.

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Color

**YIQ(119.0950, 71.7520,
10.2160)**

Conversions

Conversions Part 1

Format	Color
Hex	C25D39
RGB	194, 93, 57
RGB Percent	76%, 36%, 22%
CMY	0.2390, 0.6354, 0.7762
CMYK	0.00, 0.52, 0.71, 0.24
HSL	16°, 55%, 49%
HSV	16°, 71%, 76%
XYZ	26.9135, 19.5941, 6.2449
YIQ	119.0950, 71.7520, 10.2160

Conversions

Conversions Part 2

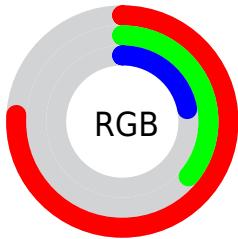
Format	Color
RYB	194, 106, 57
Decimal	12737849
CIELab	51.38, 37.92, 39.04
CIElCh	51, 54.423, 45.828
Yxy	19.5941, 0.5102, 0.3714
Android (android.graphics.Color)	4290927929 (0xFFC25D39)
YUV	119.0950, -30.6128, 65.6917
Hunter-Lab	44.2653, 31.0648, 22.6211

Details

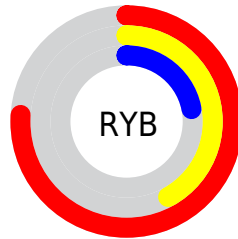
The YIQ color **119.0950, 71.7520, 10.2160** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **131.9050, -71.7520, -10.2160**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4440, 78.0790, 11.1910**, and **66.5610, 64.5080, 9.3400** is the 20% darker color. If you saturate the color by 10%, you get **108.7110, 81.7010, 11.6290**, and if you desaturate by 10%, it is **129.4790, 61.8030, 8.8030**.

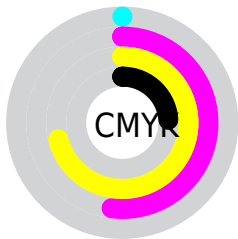
Distribution



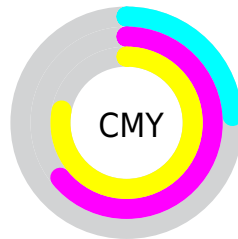
- Red (76%)
- Green (36%)
- Blue (22%)



- Red (76%)
- Yellow (42%)
- Blue (22%)



- Cyan (0%)
- Magenta (52%)
- Yellow (71%)
- Black (24%)





- Cyan (24%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.0950, 71.7520, 10.2160 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 119.0950, 71.7520, 10.2160 by changing the saturation by 10% instead.


 119.0950, 71.7520,
10.2160

 119.0950, 71.7520,
10.2160


255.0000, -0.0000,
-0.0000


 92.8280, 68.1300,
9.7780


 173.4440, 78.0790,
11.1910


 65.9740, 64.7830,
9.8630


 192.7300, 62.3540,
4.3220


 40.4990, 59.0510,
14.6270


 211.6570, 46.2620,
-1.4020

 22.7240, 45.2960,
16.1120

 231.7580, 29.6200,
-8.1720

 15.3630, 30.0750,
11.1230

 250.2120, 13.4820,
-13.0620

 0.5980, 1.1920,
0.4240

 253.4040, 4.4940,

 0.0000, 0.0000,

-4.3540

0.0000

■ 119.0950, 71.7520,
10.2160

■ 119.0950, 71.7520,
10.2160

■ 108.7110, 81.7010,
11.6290

■ 129.4790, 61.8030,
8.8030

■ 97.6260, 92.2460,
13.2540

■ 140.5640, 51.2580,
7.1780

■ 87.9430, 101.5990,
14.4550

■ 150.9480, 41.3090,
5.7650

■ 161.4460, 31.0390,
4.6630

■ 172.4170, 20.8150,
2.7270

■ 182.9150, 10.5450,
1.6250

■ 193.2990, 0.5960,
0.2120

■ 204.2700, -9.6280,
-1.7240

■ 214.7680,
-19.8980, -2.8260

Harmonies

Analogous

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



118.7800, 69.2260, 33.9780



119.0950, 71.7520, 10.2160



117.4020, 59.5610, -16.6550

Triad

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



119.0950, 71.7520, 10.2160



95.1130, -70.7830, -44.3110



117.0440, -54.8850, 20.0190

Complementary

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



119.0950, 71.7520, 10.2160



131.9050, -71.7520, -10.2160

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.



102.9400, -105.2230, -3.8390



119.0950, 71.7520, 10.2160



101.1720, -86.4660, -29.9060

Square

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



119.0950, 71.7520, 10.2160



107.3800, -14.4350, -41.2750



104.7860, -99.3980, -15.7980



126.1890, 5.4030, 39.7630

Rectangle

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



119.0950, 71.7520, 10.2160



114.9450, 44.2500, -31.0300



104.7860, -99.3980, -15.7980



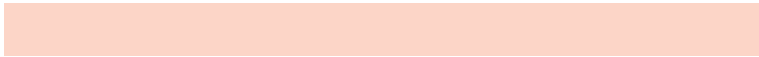
99.9780, -99.2180, 2.9740

Sweetspot

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



119.0950, 71.7520, 10.2160



223.0650, 27.7380, 3.9140



109.7050, 48.5890, 61.0770



110.2640, 16.8720, 2.6000



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



119.0950, 71.7520, 10.2160



134.8580, 112.1440, 16.0800



158.4240, 53.3270, -24.8250



91.7510, 5.1350, 0.5510



72.7930, 84.4060, 12.1660



15.1500, 17.1930, 2.2890

Inverse Universe

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



131.9050, -71.7520, -10.2160



155.1420, -112.1440, -16.0800



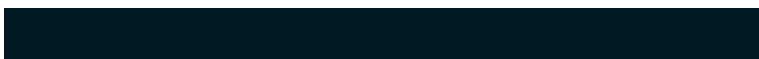
92.5760, -53.3270, 24.8250



92.2490, -5.1350, -0.5510



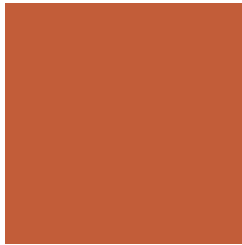
88.2070, -84.4060, -12.1660



17.8500, -17.1930, -2.2890

Previews

White Background



This preview shows how the YIQ color 119.0950, 71.7520, 10.2160 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 119.0950, 71.7520, 10.2160 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 119.0950, 71.7520, 10.2160

Background



This preview shows how black text looks on a background with the YIQ color 119.0950, 71.7520, 10.2160.



This preview shows how white text looks on a background with the YIQ color 119.0950, 71.7520,

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

119.0950, 71.7520, 10.2160

Protanopia

120.2040, 25.1280, -14.8720

Deuteranopia

120.3540, 42.3210, -12.5830



Tritanopia

120.9760, 62.4420, 24.7620

Trichromacy



Original Color

119.0950, 71.7520, 10.2160

Protanomaly

119.5700, 41.9530, -5.9110

Deuteranomaly

119.7840, 53.0940, -4.0740

Tritanomaly

120.3690, 65.4690, 19.4610

Monochromacy



Original Color

119.0950, 71.7520, 10.2160

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1680, 25.9500, 3.2780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0950, 71.7520, 10.2160 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(194, 93, 57)` looks like.

```
.text, #text, p{  
    color:rgb(194, 93, 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(194, 93, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 93, 57) }
```

Border

The CSS property to change the border of an element to YIQ 119.0950, 71.7520, 10.2160 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(194, 93, 57) }
```


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

```
.border{ border-color:rgb(194, 93, 57) }
```

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

Here you see how a box with a 4 pixel rgb(194, 93, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 93, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 93, 57);  
box-shadow:4px 4px 4px 4px rgb(194, 93,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0950, 71.7520, 10.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 93, 57) }
```

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

```
.background{ background-color: rgb(194, 93,  
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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