

Converting Colors

YIQ(119.0820, 46.2630, -6.9290)

Have a look what the booklet for
YIQ(119.0820, 46.2630, -6.9290)
contains.

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Color

**YIQ(119.0820, 46.2630,
-6.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6F38
RGB	159, 111, 56
RGB Percent	62%, 44%, 22%
CMY	0.3764, 0.5648, 0.7802
CMYK	0.00, 0.30, 0.65, 0.38
HSL	32°, 48%, 42%
HSV	32°, 65%, 62%
XYZ	20.6996, 19.0235, 6.3297
YIQ	119.0820, 46.2630, -6.9290

Conversions

Conversions Part 2

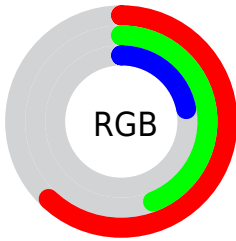
Format	Color
R_{YB}	146, 159, 56
Decimal	10448696
CIE _{Lab}	50.71, 13.26, 37.55
CIE _{LCh}	51, 39.821, 70.551
Yxy	19.0235, 0.4495, 0.4131
Android (android.graphics.Color)	4288638776 (0xFF9F6F38)
YUV	119.0820, -31.0994, 35.0081
Hunter-Lab	43.6160, 8.3857, 21.9268

Details

The YIQ color **119.0820, 46.2630, -6.9290** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **95.9180, -46.2630, 6.9290**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5340, 50.8020, -6.5900**, and **68.8750, 42.4120, -8.7240** is the 20% darker color. If you saturate the color by 10%, you get **113.1490, 53.3240, -8.2440**, and if you desaturate by 10%, it is **125.0150, 39.2020, -5.6140**.

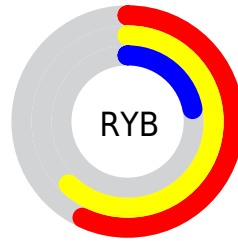
Distribution



Red (62%)

Green (44%)

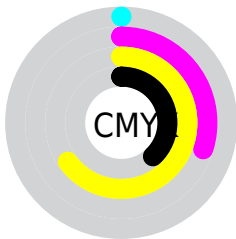
Blue (22%)



Red (57%)

Yellow (62%)

Blue (22%)

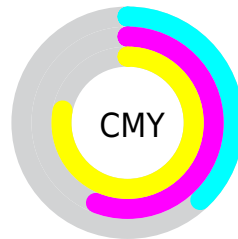


Cyan (0%)

Magenta (30%)

Yellow (65%)

Black (38%)



Cyan (38%)


Magenta (56%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.0820, 46.2630, -6.9290 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 119.0820, 46.2630, -6.9290 by changing the saturation by 10% instead.


 119.0820, 46.2630,
-6.9290


 119.0820, 46.2630,
-6.9290


255.0000, -0.0000,
-0.0000


 94.0000, 43.5580,
-7.4660


 172.5340, 50.8020,
-6.5900


 68.9890, 42.0910,
-8.4130


 200.0180, 52.3150,
-6.4770


 47.3890, 35.2130,
-4.9070

 221.5220, 41.9080,
-10.6040

 27.5760, 24.6210,
-0.1710

 241.6230, 25.2660,
-17.3740

 8.3720, 16.6880,
5.9360

 250.0980, 13.8030,
-13.3730

 0.0000, 0.0000,
0.0000

 253.4040, 4.4940,

-4.3540

■ 119.0820, 46.2630,
-6.9290

■ 119.0820, 46.2630,
-6.9290

■ 113.1490, 53.3240,
-8.2440

■ 125.0150, 39.2020,
-5.6140

■ 106.6290, 60.6600,
-9.0360

■ 131.5350, 31.8660,
-4.8220

■ 100.6960, 67.7210,
-10.3510

■ 137.4680, 24.8050,
-3.5070

■ 97.4360, 71.3890,
-10.7470

■ 143.9880, 17.4690,
-2.7150

■ 149.9210, 10.4080,
-1.4000

■ 155.7400, 3.6680,
-0.3960

■ 162.2600, -3.6680,
0.3960

■ 168.1930,
-10.7290, 1.7110

■ 174.7130,
-18.0650, 2.5030

Harmonies

Analogous

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



120.5260, 54.4210, 10.4290



119.0820, 46.2630, -6.9290



116.5860, 26.6880, -21.1200

Triad

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



119.0820, 46.2630, -6.9290



96.0540, -80.3220, -31.1220



124.0920, -2.1140, 27.3100

Complementary

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



119.0820, 46.2630, -6.9290



95.9180, -46.2630, 6.9290

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.



117.1730, -42.3670, 13.4170



119.0820, 46.2630, -6.9290



98.5280, -90.0440, -20.1240

Square

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



119.0820, 46.2630, -6.9290



102.8500, -44.6970, -32.4810



97.2860, -94.8140, -10.7660



123.6090, 30.1630, 31.5630

Rectangle

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



119.0820, 46.2630, -6.9290



113.9580, 7.8450, -26.5470



97.2860, -94.8140, -10.7660



123.2260, -14.3550, 23.3810

Sweetspot

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



119.0820, 46.2630, -6.9290



191.2870, 18.0650, -2.5030



92.2690, 45.9800, 36.7640



95.2200, 11.0040, -1.1880



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



119.0820, 46.2630, -6.9290



143.9200, 72.9020, -10.6340



146.3610, 31.2750, -32.6690



75.7400, 3.6680, -0.3960



87.3690, 64.3280, -9.4320



9.1810, 6.7400, -1.0040

Inverse Universe

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



95.9180, -46.2630, 6.9290



108.0800, -72.9020, 10.6340



68.6390, -31.2750, 32.6690



74.2600, -3.6680, 0.3960



55.6310, -64.3280, 9.4320



5.8190, -6.7400, 1.0040

Previews

White Background



This preview shows how the YIQ color 119.0820, 46.2630, -6.9290 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 119.0820, 46.2630, -6.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

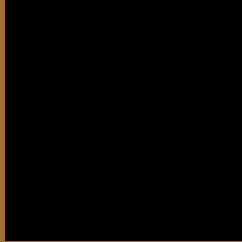
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.0820, 46.2630, -6.9290

Background



This preview shows how black text looks on a background with the YIQ color 119.0820, 46.2630, -6.9290.



This preview shows how white text looks on a background with the YIQ color 119.0820, 46.2630, -6.9290.

-6.9290.

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

119.0820, 46.2630, -6.9290

Protanopia

117.8190, 27.6500, -16.5260

Deuteranopia

118.6250, 40.1200, -11.2400



Tritanopia

123.2540, 32.0000, 14.7840

Trichromacy



Original Color

119.0820, 46.2630, -6.9290

Protanomaly

118.0480, 34.4350, -12.8370

Deuteranomaly

118.9350, 42.1830, -10.0810

Tritanomaly

121.7350, 37.5950, 6.9950

Monochromacy



Original Color

119.0820, 46.2630, -6.9290

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1020, 17.1480, -2.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0820, 46.2630, -6.9290 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(159, 111, 56)` looks like.

```
.text, #text, p{  
    color:rgb(159, 111, 56)  
}
```

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(159, 111, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 111, 56) }
```

Border

The CSS property to change the border of an element to YIQ 119.0820, 46.2630, -6.9290 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(159, 111, 56) }
```


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

```
.border{ border-color:rgb(159, 111, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 111, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 111, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 111, 56);  
box-shadow:4px 4px 4px 4px rgb(159, 111,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0820, 46.2630, -6.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 111, 56) }
```

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

```
.background{ background-color: rgb(159,  
111, 56) }
```

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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