

Converting Colors

YIQ(119.5410, -3.8020,
-19.2100)

Have a look what the booklet for
YIQ(119.5410, -3.8020, -19.2100)
contains.

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Color

**YIQ(119.5410, -3.8020,
-19.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	68855B
RGB	104, 133, 91
RGB Percent	41%, 52%, 36%
CMY	0.5923, 0.4784, 0.6431
CMYK	0.22, 0.00, 0.32, 0.48
HSL	101°, 19%, 44%
HSV	101°, 32%, 52%
XYZ	15.9838, 20.4754, 13.0082
YIQ	119.5410, -3.8020, -19.2100

Conversions

Conversions Part 2

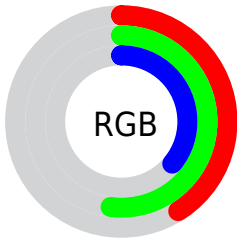
Format	Color
R_{YB}	91, 133, 120
Decimal	6849883
CIE _{Lab}	52.37, -18.72, 19.38
CIE _{LCh}	52, 26.940, 134.006
Y _{xy}	20.4754, 0.3231, 0.4139
Android (android.graphics.Color)	4285039963 (0xFF68855B)
YUV	119.5410, -14.0707, -13.6295
Hunter-Lab	45.2497, -16.1345, 14.6303

Details

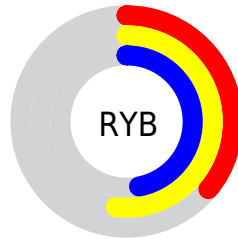
The YIQ color **119.5410, -3.8020, -19.2100** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **104.4590, 3.8020, 19.2100**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.9000, -3.4350, -20.3550**, and **70.5950, -3.8940, -17.5420** is the 20% darker color. If you saturate the color by 10%, you get **115.3680, -4.9930, -25.1610**, and if you desaturate by 10%, it is **123.7140, -2.6110, -13.2590**.

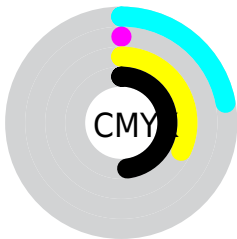
Distribution



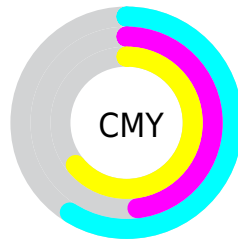
- Red (41%)
- Green (52%)
- Blue (36%)



- Red (36%)
- Yellow (52%)
- Blue (47%)



- Cyan (22%)
- Magenta (0%)
- Yellow (32%)
- Black (48%)



- Cyan (59%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.5410, -3.8020, -19.2100 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 119.5410, -3.8020, -19.2100 by changing the saturation by 10% instead.


 119.5410, -3.8020,
-19.2100


 119.5410, -3.8020,
-19.2100


255.0000, -0.0000,
-0.0000

 94.6550, -4.1230,
-18.8990


 171.9000, -3.4350,
-20.3550

 70.5950, -3.8940,
-17.5420


 199.4870, -3.7100,
-20.8780

 47.7090, -4.2150,
-17.2310


 227.3730, -3.3890,
-21.1890

 26.4920, -2.1060,
-16.9060

 246.5680, 0.7360,
-13.3440

 8.8050, -4.1250,
-7.8450

254.6580, 0.9630,
-0.9330

 0.0000, 0.0000,
0.0000

■ 119.5410, -3.8020,
-19.2100

■ 119.5410, -3.8020,
-19.2100

■ 115.3680, -4.9930,
-25.1610

■ 123.7140, -2.6110,
-13.2590

■ 111.0810, -5.8630,
-31.4230

■ 128.0010, -1.7410,
-6.9970

■ 106.6090, -7.6500,
-37.5860

■ 132.4730, 0.0460,
-0.8340

■ 102.4360, -8.8410,
-43.5370

■ 136.6460, 1.2370,
5.1170

■ 98.1490, -9.7110,
-49.7990

■ 140.9330, 2.1070,
11.3790

■ 93.9760, -10.9020,
-55.7500

■ 145.1060, 3.2980,
17.3300

■ 90.3300, -12.1390,
-60.8670

■ 149.2790, 4.4890,
23.2810

■ 153.7510, 6.2760,

29.4440

■ 158.0380, 7.1460,
35.7060

Harmonies

Analogous

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



122.5390, 16.8750, -13.9810



119.5410, -3.8020, -19.2100



115.7970, -28.0100, -21.0180

Triad

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



119.5410, -3.8020, -19.2100



118.2890, -46.1700, -0.2660



127.6350, 35.3010, 15.5330

Complementary

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



119.5410, -3.8020, -19.2100



104.4590, 3.8020, 19.2100

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.



128.1530, 22.2790, 20.2550



119.5410, -3.8020, -19.2100



124.4710, -22.8350, 11.8610

Square

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



119.5410, -3.8020, -19.2100



111.0710, -60.6560, -13.0720



127.6760, 1.6930, 18.8850



126.0940, 37.9620, 5.8500

Rectangle

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



119.5410, -3.8020, -19.2100



112.8260, -44.1490, -20.3810



127.6760, 1.6930, 18.8850



127.3620, 31.8160, 18.1200

Sweetspot

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



119.5410, -3.8020, -19.2100



168.3000, -1.1450, -6.7850



120.5810, 17.0570, -6.2630



83.7670, -0.9620, -4.5940



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



119.5410, -3.8020, -19.2100



152.1350, -5.9550, -29.7550



116.5660, -14.1180, -19.4780



64.1200, -0.4580, -2.7140



88.2700, -11.9100, -59.5100



2.0600, -0.2290, -1.3570

Inverse Universe

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



104.4590, 3.8020, 19.2100



128.8650, 5.9550, 29.7550



107.4340, 14.1180, 19.4780



61.8800, 0.4580, 2.7140



41.7300, 11.9100, 59.5100



0.9400, 0.2290, 1.3570

Previews

White Background



This preview shows how the YIQ color 119.5410, -3.8020, -19.2100 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 119.5410, -3.8020, -19.2100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

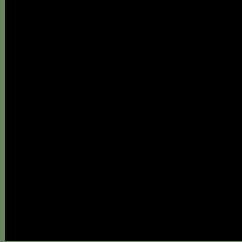
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.5410, -3.8020, -19.2100

Background



This preview shows how black text looks on a background with the YIQ color 119.5410, -3.8020, -19.2100.



This preview shows how white text looks on a background with the YIQ color 119.5410, -3.8020,

-19.2100.

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

119.5410, -3.8020, -19.2100

Protanopia

123.3590, 17.5620, -9.9100

Deuteranopia

124.5220, 24.7130, -1.8390



Tritanopia

123.3560, -12.7460, -0.2820

Trichromacy



Original Color

119.5410, -3.8020, -19.2100

Protanomaly

121.9450, 9.8600, -13.5000

Deuteranomaly

122.5590, 14.1230, -8.1570

Tritanomaly

121.6950, -9.6270, -7.2510

Monochromacy



Original Color

119.5410, -3.8020, -19.2100

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8870, -1.4200, -7.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.5410, -3.8020, -19.2100 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(104, 133, 91)` looks like.

```
.text, #text, p{  
    color:rgb(104, 133, 91)  
}
```

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(104, 133, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 133, 91) }
```

Border

The CSS property to change the border of an element to YIQ 119.5410, -3.8020, -19.2100 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(104, 133, 91) }
```


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

```
.border{ border-color:rgb(104, 133, 91) }
```

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

Here you see how a box with a 4 pixel rgb(104, 133, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 133, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 133, 91);  
box-shadow:4px 4px 4px 4px rgb(104, 133,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 119.5410, -3.8020, -19.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 133, 91) }
```

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

```
.background{ background-color: rgb(104,  
133, 91) }
```

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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