

Converting Colors

YIQ(118.0620, -3.7110,
-15.3510)

Have a look what the booklet for
YIQ(118.0620, -3.7110, -15.3510)
contains.

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Color

**YIQ(118.0620, -3.7110,
-15.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	698160
RGB	105, 129, 96
RGB Percent	41%, 51%, 38%
CMY	0.5883, 0.4941, 0.6235
CMYK	0.19, 0.00, 0.26, 0.49
HSL	104°, 15%, 44%
HSV	104°, 26%, 51%
XYZ	15.7864, 19.5498, 14.0085
YIQ	118.0620, -3.7110, -15.3510

Conversions

Conversions Part 2

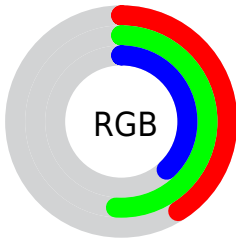
Format	Color
R_{YB}	96, 129, 120
Decimal	6914400
CIE _{Lab}	51.32, -15.35, 15.11
CIE _{LCh}	51, 21.538, 135.446
Yxy	19.5498, 0.3199, 0.3962
Android (android.graphics.Color)	4285104480 (0xFF698160)
YUV	118.0620, -10.8766, -11.4554
Hunter-Lab	44.2151, -13.6456, 12.1661

Details

The YIQ color **118.0620, -3.7110, -15.3510** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **106.9380, 3.7110, 15.3510**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.5350, -3.6650, -16.1850**, and **69.5890, -3.7570, -14.5170** is the 20% darker color. If you saturate the color by 10%, you get **113.8890, -4.9020, -21.3020**, and if you desaturate by 10%, it is **122.2350, -2.5200, -9.4000**.

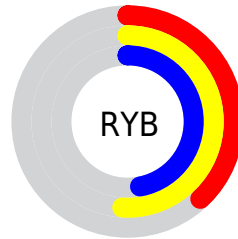
Distribution



Red (41%)

Green (51%)

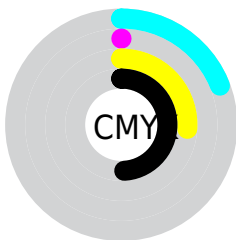
Blue (38%)



Red (38%)

Yellow (51%)

Blue (47%)

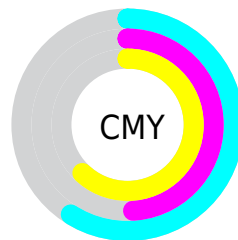


Cyan (19%)

Magenta (0%)

Yellow (26%)

Black (49%)



Cyan (59%)

Magenta (49%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.0620, -3.7110, -15.3510 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 118.0620, -3.7110, -15.3510 by changing the saturation by 10% instead.

■ 118.0620, -3.7110,
-15.3510

■ 118.0620, -3.7110,
-15.3510

■ 255.0000, -0.0000,
-0.0000

■ 93.4750, -3.4360,
-14.8280

■ 170.5350, -3.6650,
-16.1850

■ 69.5890, -3.7570,
-14.5170

■ 198.0080, -3.6190,
-17.0190

■ 47.1160, -3.8030,
-13.6830

■ 225.7090, -4.2150,
-17.2310

■ 25.3720, -1.6480,
-14.1920

■ 247.5510, -0.5940,
-11.2660

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 118.0620, -3.7110,
-15.3510

■ 118.0620, -3.7110,
-15.3510

■ 113.8890, -4.9020,
-21.3020

■ 122.2350, -2.5200,
-9.4000

■ 109.4170, -6.6890,
-27.4650

■ 126.7070, -0.7330,
-3.2370

■ 105.2440, -7.8800,
-33.4160

■ 130.8800, 0.4580,
2.7140

■ 100.7720, -9.6670,
-39.5790

■ 135.3520, 2.2450,
8.8770

■ 96.5990, -10.8580,
-45.5300

■ 139.5250, 3.4360,
14.8280

■ 92.5400, -12.3700,
-51.1700

■ 143.5840, 4.9480,
20.4680

■ 88.0680, -14.1570,
-57.3330

■ 148.0560, 6.7350,
26.6310

■ 86.1880, -14.6150,

■ 152.2290, 7.9260,

-60.0470

32.5820

■ 156.7010, 9.7130,
38.7450

Harmonies

Analogous

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



120.3800, 13.0690, -11.0830



118.0620, -3.7110, -15.3510



115.3680, -22.1880, -16.3960

Triad

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



118.0620, -3.7110, -15.3510



118.4600, -33.4700, 0.8500



124.7050, 29.1120, 12.0560

Complementary

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



118.0620, -3.7110, -15.3510



106.9380, 3.7110, 15.3510

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.



125.3650, 18.5660, 15.9580



118.0620, -3.7110, -15.3510



122.8260, -16.6450, 9.8110

Square

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



118.0620, -3.7110, -15.3510



114.1010, -43.0050, -8.0690



124.7530, 2.7940, 15.4500



123.4460, 31.0390, 4.6630

Rectangle

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



118.0620, -3.7110, -15.3510



114.1480, -33.1920, -15.2080



124.7530, 2.7940, 15.4500



125.2040, 26.2690, 14.0210

Sweetspot

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



118.0620, -3.7110, -15.3510



163.5280, -1.7870, -6.1630



119.9550, 13.0680, -5.5560



81.2940, -1.0080, -3.7600



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



118.0620, -3.7110, -15.3510



150.7100, -5.9560, -24.2280



116.1690, -11.3220, -15.0820



61.7070, -0.7330, -3.2370



85.6010, -14.3400, -59.5240



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.9380, 3.7110, 15.3510



133.2900, 5.9560, 24.2280



108.8310, 11.3220, 15.0820



59.2930, 0.7330, 3.2370



42.3990, 14.3400, 59.5240



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 118.0620, -3.7110, -15.3510 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 118.0620, -3.7110, -15.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

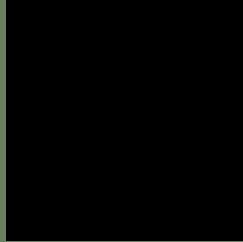
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.0620, -3.7110, -15.3510

Background



This preview shows how black text looks on a background with the YIQ color 118.0620, -3.7110, -15.3510.



This preview shows how white text looks on a background with the YIQ color 118.0620, -3.7110,

-15.3510.

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

118.0620, -3.7110, -15.3510

Protanopia

121.0860, 14.0770, -7.3230

Deuteranopia

122.3090, 20.9990, -0.6090



Tritanopia

121.2530, -10.9580, 0.3540

Trichromacy



Original Color

118.0620, -3.7110, -15.3510

Protanomaly

120.2700, 7.5670, -10.4890

Deuteranomaly

120.6560, 12.4720, -5.7680

Tritanomaly

120.2330, -8.2060, -5.4700

Monochromacy



Original Color

118.0620, -3.7110, -15.3510

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9410, -1.5120, -5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.0620, -3.7110, -15.3510 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(105, 129, 96)` looks like.

```
.text, #text, p{  
    color:rgb(105, 129, 96)  
}
```

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(105, 129, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 129, 96) }
```

Border

The CSS property to change the border of an element to YIQ 118.0620, -3.7110, -15.3510 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(105, 129, 96) }
```


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

```
.border{ border-color:rgb(105, 129, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 129, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 129, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 129, 96);  
box-shadow:4px 4px 4px 4px rgb(105, 129,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 118.0620, -3.7110, -15.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 129, 96) }
```

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

```
.background{ background-color: rgb(105,  
129, 96) }
```

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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