

Converting Colors

YIQ(118.9960, -3.3450,
-10.9690)

Have a look what the booklet for
YIQ(118.9960, -3.3450, -10.9690)
contains.

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Color

**YIQ(118.9960, -3.3450,
-10.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7F68
RGB	109, 127, 104
RGB Percent	43%, 50%, 41%
CMY	0.5726, 0.5019, 0.5921
CMYK	0.14, 0.00, 0.18, 0.50
HSL	107°, 10%, 45%
HSV	107°, 18%, 50%
XYZ	16.3940, 19.4305, 15.9834
YIQ	118.9960, -3.3450, -10.9690

Conversions

Conversions Part 2

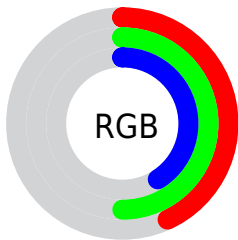
Format	Color
RYB	104, 127, 122
Decimal	7176040
CIELab	51.19, -11.27, 10.34
CIElCh	51, 15.296, 137.486
Yxy	19.4305, 0.3164, 0.3750
Android (android.graphics.Color)	4285366120 (0xFF6D7F68)
YUV	118.9960, -7.3930, -8.7665
Hunter-Lab	44.0800, -10.7534, 9.3574

Details

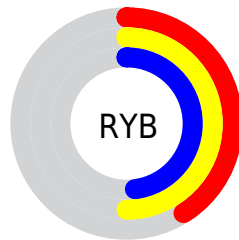
The YIQ color **118.9960, -3.3450, -10.9690** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.0040, 3.3450, 10.9690**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4690, -3.2990, -11.8030**, and **70.5230, -3.3910, -10.1350** is the 20% darker color. If you saturate the color by 10%, you get **114.5240, -5.1320, -17.1320**, and if you desaturate by 10%, it is **123.4680, -1.5580, -4.8060**.

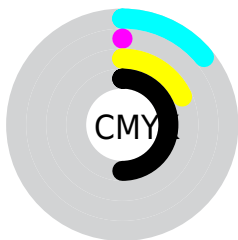
Distribution



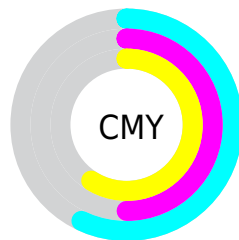
- Red (43%)
- Green (50%)
- Blue (41%)



- Red (41%)
- Yellow (50%)
- Blue (48%)



- Cyan (14%)
- Magenta (0%)
- Yellow (18%)
- Black (50%)



- Cyan (57%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.9960, -3.3450, -10.9690 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 118.9960, -3.3450, -10.9690 by changing the saturation by 10% instead.

■ 118.9960, -3.3450,
-10.9690

■ 118.9960, -3.3450,
-10.9690

■ 255.0000, -0.0000,
-0.0000

■ 94.4090, -3.0700,
-10.4460

■ 171.4690, -3.2990,
-11.8030

■ 70.5230, -3.3910,
-10.1350

■ 198.4690, -3.2990,
-11.8030

■ 47.9360, -3.1160,
-9.6120

■ 227.0560, -3.5740,
-12.3260

■ 27.2350, -2.5200,
-9.4000

■ 249.7730, -1.0990,
-7.6190

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,
0.0000

■ 118.9960, -3.3450,
-10.9690

■ 118.9960, -3.3450,
-10.9690

■ 114.5240, -5.1320,
-17.1320

■ 123.4680, -1.5580,
-4.8060

■ 110.1660, -7.2400,
-22.9840

■ 127.8260, 0.5500,
1.0460

■ 105.6940, -9.0270,
-29.1470

■ 132.2980, 2.3370,
7.2090

■ 101.2220,
-10.8140, -35.3100

■ 136.7700, 4.1240,
13.3720

■ 96.7500, -12.6010,
-41.4730

■ 141.2420, 5.9110,
19.5350

■ 92.3920, -14.7090,
-47.3250

■ 145.6000, 8.0190,
25.3870

■ 87.9200, -16.4960,
-53.4880


■ 150.0720, 9.8060,
31.5500


■ 83.4480, -18.2830,

■ 154.5440, 11.5930,

-59.6510

37.7130

 82.9210, -18.2370,
-60.4850

 158.9020, 13.7010,
43.5650

Harmonies

Analogous

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



120.3350, 8.9420, -7.8740



118.9960, -3.3450, -10.9690



117.3520, -16.0910, -11.2510

Triad

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



118.9960, -3.3450, -10.9690



120.0330, -21.9620, 1.5420



123.9920, 20.8140, 8.2540

Complementary

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



118.9960, -3.3450, -10.9690



112.0040, 3.3450, 10.9690

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.



124.2780, 14.2570, 11.4490



118.9960, -3.3450, -10.9690



122.1810, -10.4550, 7.7610

Square

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



118.9960, -3.3450, -10.9690



117.5220, -28.0130, -4.4370



123.8190, 2.4280, 11.0680



122.9010, 22.3280, 2.8400

Rectangle

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



118.9960, -3.3450, -10.9690



117.1710, -22.8310, -10.2470



123.8190, 2.4280, 11.0680



124.4480, 19.5300, 9.4980

Sweetspot

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



118.9960, -3.3450, -10.9690



162.8810, -1.2830, -4.2830



121.4430, 8.7580, -4.5380



82.2340, -0.7790, -2.4030



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.



118.9960, -3.3450, -10.9690



153.1110, -5.4070, -17.6550



118.2990, -8.5720, -9.8520



61.7070, -0.7330, -3.2370



83.5080, -18.5120, -61.0080



0.0000, 0.0000, 0.0000

Inverse Universe

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



112.0040, 3.3450, 10.9690



141.8890, 5.4070, 17.6550



112.7010, 8.5720, 9.8520



59.2930, 0.7330, 3.2370



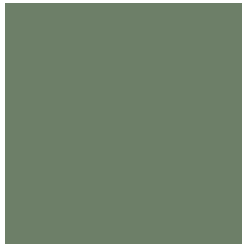
44.4920, 18.5120, 61.0080



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 118.9960, -3.3450, -10.9690 looks on a white background.

Color Contrast Check

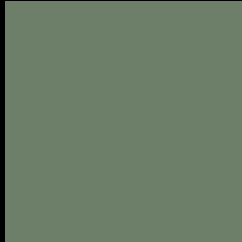
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9960, -3.3450, -10.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

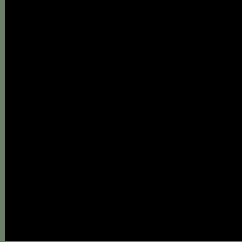
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.9960, -3.3450, -10.9690

Background



This preview shows how black text looks on a background with the YIQ color 118.9960, -3.3450, -10.9690.



This preview shows how white text looks on a background with the YIQ color 118.9960, -3.3450,

-10.9690.

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

118.9960, -3.3450, -10.9690

Protanopia

120.8130, 10.5920, -4.7360

Deuteranopia

122.3240, 16.6430, 1.2430



Tritanopia

121.4490, -8.5740, 1.2020

Trichromacy



Original Color

118.9960, -3.3450, -10.9690

Protanomaly

120.0080, 5.5490, -6.9550

Deuteranomaly

121.2690, 9.3080, -3.4920

Tritanomaly

120.1840, -6.5100, -3.1660

Monochromacy



Original Color

118.9960, -3.3450, -10.9690

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9950, -1.6040, -3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.9960, -3.3450, -10.9690 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(109, 127, 104)` looks like.

```
.text, #text, p{  
    color:rgb(109, 127, 104)  
}
```

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(109, 127, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 127, 104) }
```

Border

The CSS property to change the border of an element to YIQ 118.9960, -3.3450, -10.9690 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(109, 127, 104) }
```


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

```
.border{ border-color:rgb(109, 127, 104) }
```

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

Here you see how a box with a 4 pixel rgb(109, 127, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 127, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 127, 104);  
box-shadow:4px 4px 4px 4px rgb(109, 127,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 118.9960, -3.3450, -10.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 127, 104) }
```

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

```
.background{ background-color: rgb(109,  
127, 104) }
```

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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