

Converting Colors

YIQ(117.3310, -11.5980,
-10.0780)

Have a look what the booklet for
YIQ(117.3310, -11.5980, -10.0780)
contains.

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Color

**YIQ(117.3310, -11.5980,
-10.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	647F71
RGB	100, 127, 113
RGB Percent	39%, 50%, 44%
CMY	0.6079, 0.5019, 0.5569
CMYK	0.21, 0.00, 0.11, 0.50
HSL	149°, 12%, 45%
HSV	149°, 21%, 50%
XYZ	15.8244, 19.0820, 18.4693
YIQ	117.3310, -11.5980, -10.0780

Conversions

Conversions Part 2

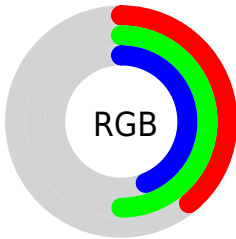
Format	Color
R_{YB}	100, 118, 127
Decimal	6586225
CIE _{Lab}	50.78, -12.79, 4.43
CIE _{LCh}	51, 13.540, 160.896
Yxy	19.0820, 0.2965, 0.3575
Android (android.graphics.Color)	4284776305 (0xFF647F71)
YUV	117.3310, -2.1352, -15.1993
Hunter-Lab	43.6829, -11.7823, 5.5100

Details

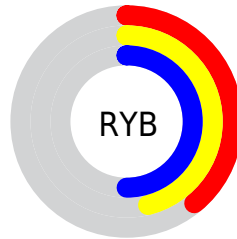
The YIQ color **117.3310, -11.5980, -10.0780** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **109.6690, 11.5980, 10.0780**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6190, -12.4690, -10.8130**, and **69.0430, -10.7270, -9.3430** is the 20% darker color. If you saturate the color by 10%, you get **112.6460, -17.0990, -15.0110**, and if you desaturate by 10%, it is **122.0160, -6.0970, -5.1450**.

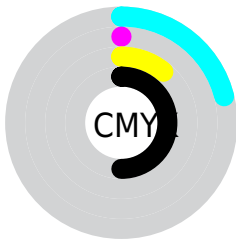
Distribution



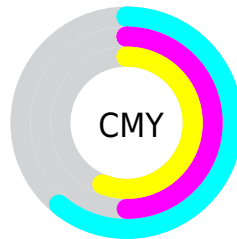
- Red (39%)
- Green (50%)
- Blue (44%)



- Red (39%)
- Yellow (46%)
- Blue (50%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (50%)



- Cyan (61%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.3310, -11.5980, -10.0780 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 117.3310, -11.5980, -10.0780 by changing the saturation by 10% instead.

■ 117.3310,
-11.5980, -10.0780

■ 117.3310,
-11.5980, -10.0780

■ 255.0000, -0.0000,
-0.0000

■ 92.7440, -11.3230,
-9.5550

■ 169.6190,
-12.4690, -10.8130

■ 69.0430, -10.7270,
-9.3430

■ 196.6190,
-12.4690, -10.8130

■ 46.4560, -10.4520,
-8.8200

■ 225.2060,
-12.7440, -11.3360

■ 24.6840, -11.0940,
-8.1980

■ 247.9230,
-10.2690, -6.6290

■ 2.9350, -1.3750,
-2.6150

■ 0.0000, 0.0000,
0.0000

■ 117.3310,
-11.5980, -10.0780

■ 117.3310,
-11.5980, -10.0780

■ 112.6460,
-17.0990, -15.0110

■ 122.0160, -6.0970,
-5.1450

■ 108.3740,
-22.3250, -19.4210

■ 126.2880, -0.8710,
-0.7350

■ 103.6890,
-27.8260, -24.3540

■ 130.9730, 4.6300,
4.1980

■ 99.1180, -33.6480,
-28.9760

■ 135.5440, 10.4520,
8.8200

■ 94.4330, -39.1490,
-33.9090

■ 139.9300, 15.3570,
13.5410

■ 90.0470, -44.0540,
-38.6300

■ 144.6150, 20.8580,
18.4740

■ 85.4760, -49.8760,
-43.2520

■ 149.1860, 26.6800,
23.0960

■ 81.5030, -54.5060,

■ 153.8710, 32.1810,

-47.4500

28.0290

■ 158.1430, 37.4070,
32.4390

Harmonies

Analogous

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



118.6050, -0.6860, -9.5980



117.3310, -11.5980, -10.0780



116.8940, -20.4930, -8.5650

Triad

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



117.3310, -11.5980, -10.0780



120.5290, -11.5550, 5.6690



122.0580, 20.4480, 3.8720

Complementary

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



117.3310, -11.5980, -10.0780



109.6690, 11.5980, 10.0780

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.



123.0240, 17.7880, 8.0280



117.3310, -11.5980, -10.0780



122.6830, -0.1850, 8.8630

Square

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



117.3310, -11.5980, -10.0780



118.5770, -20.6780, 0.2980



123.4840, 10.6810, 10.1770



121.5150, 17.4230, -1.8810

Rectangle

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



117.3310, -11.5980, -10.0780



116.5070, -23.6570, -6.2890



123.4840, 10.6810, 10.1770



122.8130, 19.7600, 5.3280

Sweetspot

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



117.3310, -11.5980, -10.0780



162.4400, -4.3550, -3.6750



120.0350, 0.9190, -11.1530



81.8640, -2.6130, -2.2050



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.



117.3310, -11.5980, -10.0780



150.5210, -18.2450, -16.2690



118.8130, -15.7710, -6.0350



61.4510, -2.8880, -2.7280



82.0900, -54.7810, -47.9730



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.6690, 11.5980, 10.0780



138.3650, 18.5660, 15.9580



108.1870, 15.7710, 6.0350



59.5490, 2.8880, 2.7280



45.7960, 55.1020, 47.6620



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 117.3310, -11.5980, -10.0780 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 117.3310, -11.5980, -10.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

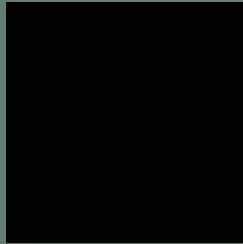
Any Text WCAG AA ✓ Pass

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 117.3310, -11.5980, -10.0780 Background



This preview shows how black text looks on a background with the YIQ color 117.3310, -11.5980, -10.0780.



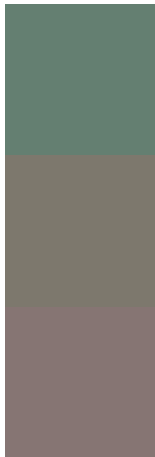
This preview shows how white text looks on a background with the YIQ color 117.3310, -11.5980, -10.0780.

-10.0780.

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

117.3310, -11.5980, -10.0780

Protanopia

120.2410, 6.5110, -2.3610

Deuteranopia

121.8550, 10.7740, 2.9820



Tritanopia

119.1600, -15.1300, -1.1300

Trichromacy



Original Color

117.3310, -11.5980, -10.0780

Protanomaly

119.4250, 0.0010, -5.5270

Deuteranomaly

120.5010, 2.8430, -1.9650

Tritanomaly

118.5360, -13.4330, -4.3530

Monochromacy



Original Color

117.3310, -11.5980, -10.0780

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.4400, -4.3550, -3.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.3310, -11.5980, -10.0780 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(100, 127, 113)` looks like.

```
.text, #text, p{  
    color:rgb(100, 127, 113)  
}
```

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(100, 127, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 127, 113) }
```

Border

The CSS property to change the border of an element to YIQ 117.3310, -11.5980, -10.0780 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(100, 127, 113) }
```


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

```
.border{ border-color:rgb(100, 127, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 127, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 127, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 127, 113);  
box-shadow:4px 4px 4px 4px rgb(100, 127,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 117.3310, -11.5980, -10.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 127, 113) }
```

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

```
.background{ background-color: rgb(100,  
127, 113) }
```

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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