

Converting Colors

YIQ(118.3400, 1.3780, -13.9660)

Have a look what the booklet for
YIQ(118.3400, 1.3780, -13.9660)
contains.

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Color

**YIQ(118.3400, 1.3780,
-13.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7F5D
RGB	111, 127, 93
RGB Percent	44%, 50%, 36%
CMY	0.5648, 0.5019, 0.6353
CMYK	0.13, 0.00, 0.27, 0.50
HSL	88°, 15%, 43%
HSV	88°, 27%, 50%
XYZ	16.1200, 19.3494, 13.2430
YIQ	118.3400, 1.3780, -13.9660

Conversions

Conversions Part 2

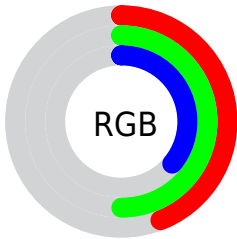
Format	Color
R_{YB}	93, 127, 109
Decimal	7307101
CIE _{Lab}	51.09, -12.43, 16.59
CIE _{LCh}	51, 20.728, 126.849
Yxy	19.3494, 0.3309, 0.3972
Android (android.graphics.Color)	4285497181 (0xFF6F7F5D)
YUV	118.3400, -12.4926, -6.4372
Hunter-Lab	43.9880, -11.5652, 12.9418

Details

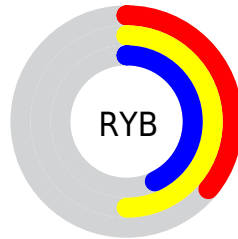
The YIQ color $118.3400, 1.3780, -13.9660$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $101.6600, -1.3780, 13.9660$, and the grayscale version is $118.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $170.6990, 1.7450, -15.1110$, and $69.9810, 1.0110, -12.8210$ is the 20% darker color. If you saturate the color by 10%, you get $115.0640, 1.9750, -19.2810$, and if you desaturate by 10%, it is $121.6160, 0.7810, -8.6510$.

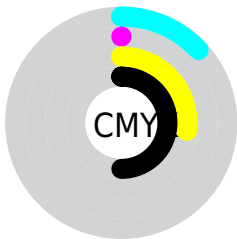
Distribution



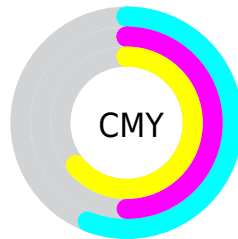
- Red (44%)
- Green (50%)
- Blue (36%)



- Red (36%)
- Yellow (50%)
- Blue (43%)



- Cyan (13%)
- Magenta (0%)
- Yellow (27%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.3400, 1.3780, -13.9660 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 118.3400, 1.3780, -13.9660 by changing the saturation by 10% instead.

■ 118.3400, 1.3780,
-13.9660

■ 118.3400, 1.3780,
-13.9660

■ 255.0000, -0.0000,
-0.0000

■ 93.4540, 1.0570,
-13.6550

■ 170.6990, 1.7450,
-15.1110

■ 69.9810, 1.0110,
-12.8210

■ 197.6990, 1.7450,
-15.1110

■ 47.0950, 0.6900,
-12.5100

■ 226.1720, 1.7910,
-15.9450

■ 26.2370, 3.1660,
-13.3300

■ 249.1880, 4.8620,
-11.0260

■ 4.1090, -1.9250,
-3.6610

■ 254.8860, 0.3210,
-0.3110

■ 0.0000, 0.0000,
0.0000

■ 118.3400, 1.3780,
-13.9660

■ 118.3400, 1.3780,
-13.9660

■ 115.0640, 1.9750,
-19.2810

■ 121.6160, 0.7810,
-8.6510

■ 111.9020, 2.2510,
-24.2850

■ 124.7780, 0.5050,
-3.6470

■ 108.6260, 2.8480,
-29.6000

■ 128.0540, -0.0920,
1.6680

■ 105.3500, 3.4450,
-34.9150

■ 131.3300, -0.6890,
6.9830

■ 102.1880, 3.7210,
-39.9190

■ 134.6060, -1.2860,
12.2980

■ 98.9120, 4.3180,
-45.2340

■ 137.7680, -1.5620,
17.3020

■ 95.6360, 4.9150,
-50.5490

■ 141.0440, -2.1590,
22.6170

■ 94.5820, 5.0070,

■ 144.3200, -2.7560,

-52.2170

27.9320

■ 147.4820, -3.0320,
32.9360

Harmonies

Analogous

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



120.4020, 16.0030, -9.1890



118.3400, 1.3780, -13.9660



115.7170, -15.8610, -15.4210

Triad

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



118.3400, 1.3780, -13.9660



116.6230, -35.4870, -1.1430



124.3780, 25.7190, 12.9750

Complementary

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



118.3400, 1.3780, -13.9660



101.6600, -1.3780, 13.9660

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.



124.9130, 14.0270, 15.6190



118.3400, 1.3780, -13.9660



120.9070, -21.3670, 7.2810

Square

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



118.3400, 1.3780, -13.9660



113.7160, -40.4830, -9.7230



124.0620, -2.5700, 13.5420



123.3150, 30.0300, 6.4300

Rectangle

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



118.3400, 1.3780, -13.9660



114.0840, -27.1400, -14.7560



124.0620, -2.5700, 13.5420



124.4640, 22.6010, 14.4170

Sweetspot

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



118.3400, 1.3780, -13.9660



162.6100, 0.9180, -5.6260



112.5580, 15.8640, -1.1600



81.8920, 0.1840, -3.3360



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.



118.3400, 1.3780, -13.9660



152.4830, 2.1130, -21.7830



113.2570, -8.7540, -17.5700



62.3050, 0.4590, -2.8130



95.1690, 4.7320, -52.7400



0.0000, 0.0000, 0.0000

Inverse Universe

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



101.6600, -1.3780, 13.9660



126.5170, -2.1130, 21.7830



106.7430, 8.7540, 17.5700



58.6950, -0.4590, 2.8130



32.5320, -5.3280, 52.5280



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 118.3400, 1.3780, -13.9660 looks on a white background.

Color Contrast Check

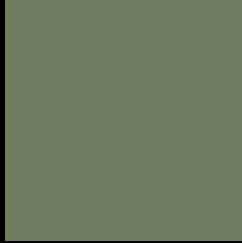
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.3400, 1.3780, -13.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

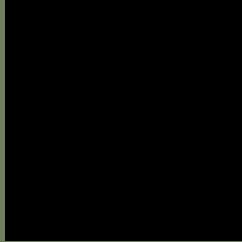
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.3400, 1.3780, -13.9660

Background



This preview shows how black text looks on a background with the YIQ color 118.3400, 1.3780, -13.9660.



This preview shows how white text looks on a background with the YIQ color 118.3400, 1.3780, -13.9660.

-13.9660.

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

118.3400, 1.3780, -13.9660

Protanopia

120.1570, 15.3150, -7.7330

Deuteranopia

121.9670, 21.9620, -1.5420



Tritanopia

121.6450, -6.1900, 2.0500

Trichromacy



Original Color

118.3400, 1.3780, -13.9660

Protanomaly

119.3520, 10.2720, -9.9520

Deuteranomaly

120.9120, 14.6270, -6.2770

Tritanomaly

120.6250, -3.4380, -3.7740

Monochromacy



Original Color

118.3400, 1.3780, -13.9660

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.8380, 0.2760, -5.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3400, 1.3780, -13.9660 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(111, 127, 93)` looks like.

```
.text, #text, p{  
    color:rgb(111, 127, 93)  
}
```

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(111, 127, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 127, 93) }
```

Border

The CSS property to change the border of an element to YIQ 118.3400, 1.3780, -13.9660 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(111, 127, 93) }
```


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

```
.border{ border-color:rgb(111, 127, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 127, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 127, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 127, 93);  
box-shadow:4px 4px 4px 4px rgb(111, 127,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3400, 1.3780, -13.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 127, 93) }
```

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

```
.background{ background-color: rgb(111,  
127, 93) }
```

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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