

Converting Colors

YIQ(119.6780, 6.2380, -13.9380)

Have a look what the booklet for
YIQ(119.6780, 6.2380, -13.9380)
contains.

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Color

**YIQ(119.6780, 6.2380,
-13.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	757F59
RGB	117, 127, 89
RGB Percent	46%, 50%, 35%
CMY	0.5412, 0.5019, 0.6509
CMYK	0.08, 0.00, 0.30, 0.50
HSL	76°, 18%, 42%
HSV	76°, 30%, 50%
XYZ	16.7281, 19.6824, 12.3716
YIQ	119.6780, 6.2380, -13.9380

Conversions

Conversions Part 2

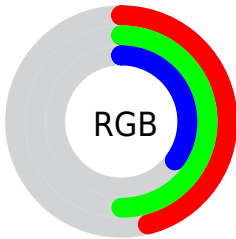
Format	Color
R_{YB}	89, 127, 99
Decimal	7700313
CIE _{Lab}	51.48, -10.64, 19.47
CIE _{LCh}	51, 22.188, 118.662
Yxy	19.6824, 0.3429, 0.4035
Android (android.graphics.Color)	4285890393 (0xFF757F59)
YUV	119.6780, -15.1243, -2.3486
Hunter-Lab	44.3648, -10.3334, 14.5217

Details

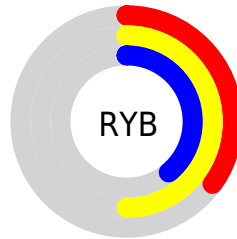
The YIQ color **119.6780, 6.2380, -13.9380** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **96.3220, -6.2380, 13.9380**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.0370, 6.6050, -15.0830**, and **71.0200, 5.2750, -13.0050** is the 20% darker color. If you saturate the color by 10%, you get **117.2990, 8.6230, -18.6170**, and if you desaturate by 10%, it is **122.0570, 3.8530, -9.2590**.

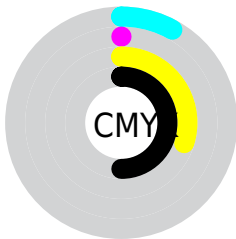
Distribution



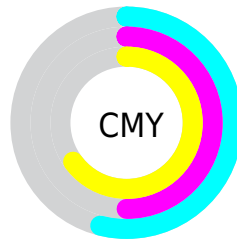
- Red (46%)
- Green (50%)
- Blue (35%)



- Red (35%)
- Yellow (50%)
- Blue (39%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (50%)



- Cyan (54%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.6780, 6.2380, -13.9380 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 119.6780, 6.2380, -13.9380 by changing the saturation by 10% instead.

■ 119.6780, 6.2380,
-13.9380

■ 119.6780, 6.2380,
-13.9380

■ 255.0000, -0.0000,
-0.0000

■ 94.7920, 5.9170,
-13.6270

■ 172.0370, 6.6050,
-15.0830

■ 71.0200, 5.2750,
-13.0050

■ 199.3360, 7.2010,
-14.8710

■ 48.2480, 4.6330,
-12.3830

■ 227.2220, 7.5220,
-15.1820

■ 27.7320, 6.1460,
-12.2700

■ 250.8250, 10.3180,
-10.7860

■ 5.8700, -2.7500,
-5.2300

■ 254.4300, 1.6050,
-1.5550

■ 0.0000, 0.0000,
0.0000

■ 119.6780, 6.2380,
-13.9380

■ 119.6780, 6.2380,
-13.9380

■ 117.2990, 8.6230,
-18.6170

■ 122.0570, 3.8530,
-9.2590

■ 114.7350, 10.0910,
-23.1970

■ 124.6210, 2.3850,
-4.6790

■ 112.3560, 12.4760,
-27.8760

■ 127.0000, -0.0000,
-0.0000

■ 109.9770, 14.8610,
-32.5550

■ 129.3790, -2.3850,
4.6790

■ 107.4130, 16.3290,
-37.1350

■ 132.0570, -4.1740,
9.5700

■ 105.0340, 18.7140,
-41.8140

■ 134.3220, -6.2380,
13.9380

■ 102.6550, 21.0990,
-46.4930

■ 136.7010, -8.6230,
18.6170

■ 139.3790,

-10.4120, 23.5080

■ 141.6440,
-12.4760, 27.8760

Harmonies

Analogous

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



121.6800, 21.0920, -7.8040



119.6780, 6.2380, -13.9380



116.9300, -12.1470, -16.6510

Triad

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



119.6780, 6.2380, -13.9380



115.6930, -41.6760, -4.6200



125.6600, 24.9850, 15.2650

Complementary

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



119.6780, 6.2380, -13.9380



96.3220, -6.2380, 13.9380

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.



125.7000, 10.3130, 16.8490



119.6780, 6.2380, -13.9380



120.6180, -27.9230, 4.9490

Square

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



119.6780, 6.2380, -13.9380



113.1670, -43.3710, -12.4510



124.1260, -8.6220, 13.0900



124.3800, 31.4050, 9.0450

Rectangle

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



119.6780, 6.2380, -13.9380



115.4000, -25.2140, -16.6220



124.1260, -8.6220, 13.0900



125.5610, 20.9500, 16.8060

Sweetspot

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



119.6780, 6.2380, -13.9380



163.0940, 2.4310, -5.5130



106.2320, 19.8980, 2.8260



82.3760, 1.6970, -3.2230



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.



119.6780, 6.2380, -13.9380



154.3760, 9.7240, -22.0520



114.2960, -4.4900, -17.7540



62.6040, 1.0550, -2.6010



103.2420, 20.8240, -47.0160



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.3220, -6.2380, 13.9380



117.6240, -9.7240, 22.0520



102.0030, 5.0860, 17.9660



58.3960, -1.0550, 2.6010



24.7580, -20.8240, 47.0160



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 119.6780, 6.2380, -13.9380 looks on a white background.

Color Contrast Check

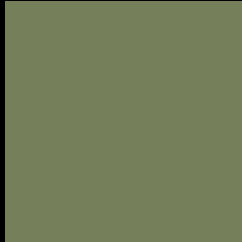
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.6780, 6.2380, -13.9380 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 119.6780, 6.2380, -13.9380

Background



This preview shows how black text looks on a background with the YIQ color 119.6780, 6.2380, -13.9380.



This preview shows how white text looks on a background with the YIQ color 119.6780, 6.2380, -13.9380.

-13.9380.

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

119.6780, 6.2380, -13.9380

Protanopia

121.0000, 17.1950, -8.7650

Deuteranopia

122.4080, 25.0340, -2.1500



Tritanopia

123.3250, -2.2930, 3.0110

Trichromacy



Original Color

119.6780, 6.2380, -13.9380

Protanomaly

120.7930, 13.3440, -10.5600

Deuteranomaly

121.6520, 18.2950, -6.6730

Tritanomaly

122.1910, 0.7800, -3.1240

Monochromacy



Original Color

119.6780, 6.2380, -13.9380

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.2080, 2.1100, -5.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.6780, 6.2380, -13.9380 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(117, 127, 89)` looks like.

```
.text, #text, p{  
    color:rgb(117, 127, 89)  
}
```

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(117, 127, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 127, 89) }
```

Border

The CSS property to change the border of an element to YIQ 119.6780, 6.2380, -13.9380 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(117, 127, 89) }
```


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

```
.border{ border-color:rgb(117, 127, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 127, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 127, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 127, 89);  
box-shadow:4px 4px 4px 4px rgb(117, 127,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 119.6780, 6.2380, -13.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 127, 89) }
```

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

```
.background{ background-color: rgb(117,  
127, 89) }
```

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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