

Converting Colors

YIQ(117.1670, -17.0080,
-11.1520)

Have a look what the booklet for
YIQ(117.1670, -17.0080, -11.1520)
contains.

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Color

**YIQ(117.1670, -17.0080,
-11.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8175
RGB	94, 129, 117
RGB Percent	37%, 51%, 46%
CMY	0.6315, 0.4940, 0.5412
CMYK	0.27, 0.00, 0.09, 0.49
HSL	159°, 16%, 44%
HSV	159°, 27%, 51%
XYZ	15.6759, 19.3668, 19.7370
YIQ	117.1670, -17.0080, -11.1520

Conversions

Conversions Part 2

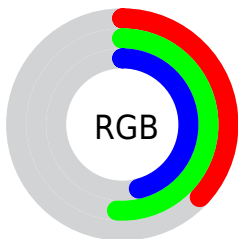
Format	Color
R_{YB}	94, 115, 129
Decimal	6193525
CIE _{Lab}	51.11, -15.08, 2.52
CIE _{LCh}	51, 15.292, 170.499
Yxy	19.3668, 0.2862, 0.3535
Android (android.graphics.Color)	4284383605 (0xFF5E8175)
YUV	117.1670, -0.0823, -20.3175
Hunter-Lab	44.0078, -13.4305, 4.2145

Details

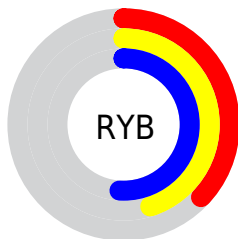
The YIQ color **117.1670, -17.0080, -11.1520** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **105.8330, 17.0080, 11.1520**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4550, -17.8790, -11.8870**, and **68.5800, -16.7330, -10.6290** is the 20% darker color. If you saturate the color by 10%, you get **112.8240, -23.4720, -15.1520**, and if you desaturate by 10%, it is **121.5100, -10.5440, -7.1520**.

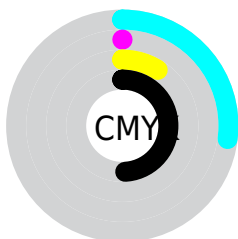
Distribution



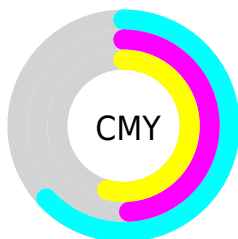
- Red (37%)
- Green (51%)
- Blue (46%)



- Red (37%)
- Yellow (45%)
- Blue (51%)



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (49%)



- Cyan (63%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.1670, -17.0080, -11.1520 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 117.1670, -17.0080, -11.1520 by changing the saturation by 10% instead.

■ 117.1670,
-17.0080, -11.1520

■ 117.1670,
-17.0080, -11.1520

■ 255.0000, -0.0000,
-0.0000

■ 92.4660, -16.4120,
-10.9400

■ 169.4550,
-17.8790, -11.8870

■ 68.5800, -16.7330,
-10.6290

■ 197.0420,
-18.1540, -12.4100

■ 45.6940, -17.0540,
-10.3180

■ 225.0420,
-18.1540, -12.4100

■ 24.1070, -16.7790,
-9.7950

■ 246.6990,
-15.4500, -6.3460

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,
0.0000

■ 117.1670,
-17.0080, -11.1520

■ 117.1670,
-17.0080, -11.1520

■ 112.8240,
-23.4720, -15.1520

■ 121.5100,
-10.5440, -7.1520

■ 108.3670,
-29.6150, -19.4630

■ 125.9670, -4.4010,
-2.8410

■ 104.0240,
-36.0790, -23.4630

■ 130.3100, 2.0630,
1.1590

■ 99.5670, -42.2220,
-27.7740

■ 134.7670, 8.2060,
5.4700

■ 95.2240, -48.6860,
-31.7740

■ 138.8110, 14.0740,
9.2580

■ 91.0660, -54.2330,
-35.8730

■ 143.2680, 20.2170,
13.5690

■ 86.7230, -60.6970,
-39.8730


■ 147.6110, 26.6810,
17.5690

■ 85.4130, -62.7600,

■ 151.9540, 33.1450,

-41.0320

21.5690

 156.4110, 39.2880,
25.8800

Harmonies

Analogous

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



118.5120, -4.8580, -11.0820



117.1670, -17.0080, -11.1520



116.2570, -25.9490, -8.8050

Triad

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



117.1670, -17.0080, -11.1520



122.6650, -8.9420, 7.8740



122.4880, 22.0530, 2.3170

Complementary

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



117.1670, -17.0080, -11.1520



105.8330, 17.0080, 11.1520

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.



123.7640, 21.4560, 7.6320



117.1670, -17.0080, -11.1520



124.1890, 4.2620, 10.8700

Square

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



117.1670, -17.0080, -11.1520



119.7450, -21.0910, 2.2770



124.0500, 14.8990, 10.8270



121.4610, 17.5150, -3.5490

Rectangle

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



117.1670, -17.0080, -11.1520



116.8810, -27.6460, -5.5820



124.0500, 14.8990, 10.8270



122.8410, 22.5570, 4.1970

Sweetspot

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



117.1670, -17.0080, -11.1520



163.6570, -6.4640, -4.0000



118.1330, -2.4730, -15.7610



81.2660, -3.8050, -2.6290



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.



117.1670, -17.0080, -11.1520



149.3890, -26.6810, -17.5690



115.6000, -19.4850, -4.8050



61.6790, -3.5300, -2.1060



84.7120, -62.1640, -40.8200



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.8330, 17.0080, 11.1520



131.6110, 26.6810, 17.5690



107.4000, 19.4850, 4.8050



59.4350, 3.2090, 2.4170



43.2880, 62.1640, 40.8200



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 117.1670, -17.0080, -11.1520 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 117.1670, -17.0080, -11.1520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

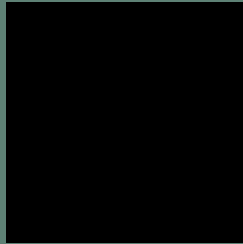
Any Text WCAG AA ✓ Pass

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 117.1670, -17.0080, -11.1520 Background



This preview shows how black text looks on a background with the YIQ color 117.1670, -17.0080, -11.1520.



This preview shows how white text looks on a background with the YIQ color 117.1670, -17.0080, -11.1520.

-11.1520.

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

117.1670, -17.0080, -11.1520

Protanopia

121.5830, 5.5480, -1.4280

Deuteranopia

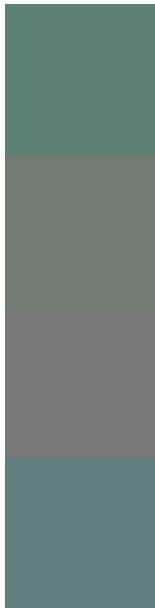
122.3110, 9.4900, 4.2260



Tritanopia

118.7680, -19.8980, -2.8260

Trichromacy



Original Color

117.1670, -17.0080, -11.1520

Protanomaly

119.8700, -2.7500, -5.2300

Deuteranomaly

120.0600, -0.2290, -1.3570

Tritanomaly

118.2580, -18.5220, -5.7380

Monochromacy



Original Color

117.1670, -17.0080, -11.1520

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.9560, -5.8680, -3.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.1670, -17.0080, -11.1520 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(94, 129, 117)` looks like.

```
.text, #text, p{  
    color:rgb(94, 129, 117)  
}
```

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(94, 129, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 129, 117) }
```

Border

The CSS property to change the border of an element to YIQ 117.1670, -17.0080, -11.1520 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(94, 129, 117) }
```


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

```
.border{ border-color:rgb(94, 129, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 129, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 129, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 129, 117);  
box-shadow:4px 4px 4px 4px rgb(94, 129,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 117.1670, -17.0080, -11.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 129, 117) }
```

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

```
.background{ background-color: rgb(94, 129,  
117) }
```

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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