

Converting Colors

YIQ(117.4950, -6.1880, -9.0040)

Have a look what the booklet for
YIQ(117.4950, -6.1880, -9.0040)
contains.

YIQ(117.4950, -6.1880, -9.0040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(117.4950, -6.1880,
-9.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7D6D
RGB	106, 125, 109
RGB Percent	42%, 49%, 43%
CMY	0.5844, 0.5098, 0.5726
CMYK	0.15, 0.00, 0.13, 0.51
HSL	129°, 8%, 45%
HSV	129°, 15%, 49%
XYZ	16.0370, 18.8366, 17.2577
YIQ	117.4950, -6.1880, -9.0040

Conversions

Conversions Part 2

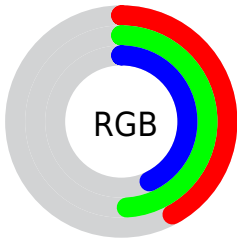
Format	Color
RYB	106, 122, 125
Decimal	6978925
CIELab	50.50, -10.33, 6.41
CIElCh	50, 12.157, 148.170
Yxy	18.8366, 0.3076, 0.3613
Android (android.graphics.Color)	4285169005 (0xFF6A7D6D)
YUV	117.4950, -4.1880, -10.0811
Hunter-Lab	43.4012, -9.9954, 6.8052

Details

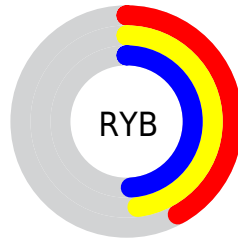
The YIQ color **117.4950, -6.1880, -9.0040** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.5050, 6.1880, 9.0040**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **169.6690, -6.7380, -10.0500**, and **69.3210, -5.6380, -7.9580** is the 20% darker color. If you saturate the color by 10%, you get **112.3540, -10.4050, -15.1810**, and if you desaturate by 10%, it is **122.3370, -2.5670, -3.0390**.

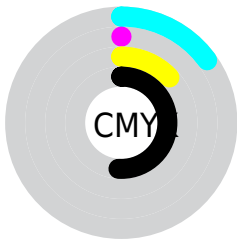
Distribution



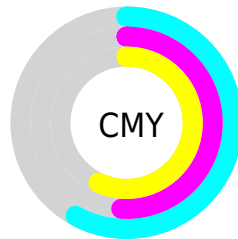
- Red (42%)
- Green (49%)
- Blue (43%)



- Red (42%)
- Yellow (48%)
- Blue (49%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (51%)



- Cyan (58%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.4950, -6.1880, -9.0040 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 117.4950, -6.1880, -9.0040 by changing the saturation by 10% instead.

■ 117.4950, -6.1880,
-9.0040

■ 117.4950, -6.1880,
-9.0040

■ 255.0000, -0.0000,
-0.0000

■ 92.9080, -5.9130,
-8.4810

■ 169.6690, -6.7380,
-10.0500

■ 69.0220, -6.2340,
-8.1700

■ 196.6690, -6.7380,
-10.0500

■ 46.7340, -5.3630,
-7.4350

■ 224.6690, -6.7380,
-10.0500

■ 25.7340, -5.3630,
-7.4350

■ 249.2610, -5.4090,
-6.6010

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,
0.0000

■ 117.4950, -6.1880,
-9.0040

■ 117.4950, -6.1880,
-9.0040

■ 112.3540,
-10.4050, -15.1810

■ 122.3370, -2.5670,
-3.0390

■ 107.6260,
-14.3470, -20.8350

■ 127.3640, 1.9710,
2.8270

■ 102.4850,
-18.5640, -27.0120

■ 132.2060, 5.5920,
8.7920

■ 97.7570, -22.5060,
-32.6660

■ 137.2330, 10.1300,
14.6580

■ 92.6160, -26.7230,
-38.8430

■ 142.0750, 13.7510,
20.6230

■ 87.8880, -30.6650,
-44.4970

■ 147.1020, 18.2890,
26.4890

■ 82.7470, -34.8820,
-50.6740


■ 151.9440, 21.9100,
32.4540


■ 78.0190, -38.8240,

■ 156.9710, 26.4480,

-56.3280

38.3200

 75.6550, -40.7950,
-59.1550

 161.8130, 30.0690,
44.2850

Harmonies

Analogous

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



119.1110, 3.7610, -7.5910



117.4950, -6.1880, -9.0040



116.5310, -15.0370, -8.3250

Triad

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



117.4950, -6.1880, -9.0040



119.3930, -14.1680, 3.4640



122.0300, 17.6510, 5.0030

Complementary

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



117.4950, -6.1880, -9.0040



113.5050, 6.1880, 9.0040

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.



121.9850, 13.5240, 8.2120



117.4950, -6.1880, -9.0040



121.1770, -4.6320, 6.8560

Square

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



117.4950, -6.1880, -9.0040



117.4090, -20.2650, -1.6810



122.2060, 5.5920, 8.7920



121.0960, 17.2850, 0.6210

Rectangle

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



117.4950, -6.1880, -9.0040



116.1330, -19.6680, -6.9960



122.2060, 5.5920, 8.7920



121.7850, 16.9630, 6.4590

Sweetspot

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



117.4950, -6.1880, -9.0040



159.8100, -2.5210, -3.8730



121.9370, 4.3110, -6.5450



79.9350, -1.3750, -2.6150



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



117.4950, -6.1880, -9.0040



151.4790, -9.2590, -13.9230



118.5210, -9.0770, -6.2050



61.2230, -2.2460, -3.3500



77.4160, -41.6200, -60.7240



0.0000, 0.0000, 0.0000

Inverse Universe

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



113.5050, 6.1880, 9.0040



145.5210, 9.2590, 13.9230



112.4790, 9.0770, 6.2050



59.7770, 2.2460, 3.3500



50.4700, 41.9410, 60.4130



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 117.4950, -6.1880, -9.0040 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 117.4950, -6.1880, -9.0040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

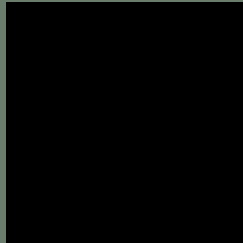
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.4950, -6.1880, -9.0040

Background



This preview shows how black text looks on a background with the YIQ color 117.4950, -6.1880, -9.0040.



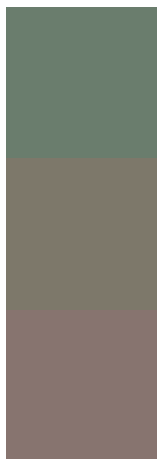
This preview shows how white text looks on a background with the YIQ color 117.4950, -6.1880,

-9.0040.

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

117.4950, -6.1880, -9.0040

Protanopia

119.8990, 7.4740, -3.2940

Deuteranopia

121.1110, 12.9290, 2.4730



Tritanopia

119.4380, -10.0410, 0.2550

Trichromacy



Original Color

117.4950, -6.1880, -9.0040

Protanomaly

119.0940, 2.4310, -5.5130

Deuteranomaly

119.4690, 5.8690, -1.7390

Tritanomaly

118.8140, -8.3440, -2.9680

Monochromacy



Original Color

117.4950, -6.1880, -9.0040

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.2230, -2.2460, -3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.4950, -6.1880, -9.0040 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(106, 125, 109)` looks like.

```
.text, #text, p{  
    color:rgb(106, 125, 109)  
}
```

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(106, 125, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 125, 109) }
```

Border

The CSS property to change the border of an element to YIQ 117.4950, -6.1880, -9.0040 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(106, 125, 109) }
```


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

```
.border{ border-color:rgb(106, 125, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 125, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 125, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 125, 109);  
box-shadow:4px 4px 4px 4px rgb(106, 125,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 117.4950, -6.1880, -9.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 125, 109) }
```

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

```
.background{ background-color: rgb(106,  
125, 109) }
```

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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