

# Converting Colors

YIQ(108.4840, -7.6550, -9.9510)

Have a look what the booklet for  
YIQ(108.4840, -7.6550, -9.9510)  
contains.

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# Color

**YIQ(108.4840, -7.6550,  
-9.9510)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F7564
RGB	95, 117, 100
RGB Percent	37%, 46%, 39%
CMY	0.6275, 0.5411, 0.6079
CMYK	0.19, 0.00, 0.15, 0.54
HSL	134°, 10%, 42%
HSV	134°, 19%, 46%
XYZ	13.3800, 16.0768, 14.4534
YIQ	108.4840, -7.6550, -9.9510

# Conversions

## Conversions Part 2

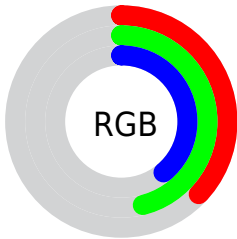
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 113, 117
Decimal	6255972
CIE Lab	47.08, -11.77, 6.73
CIE LCh	47, 13.560, 150.259
Yxy	16.0768, 0.3047, 0.3661
Android (android.graphics.Color)	4284446052 (0xFF5F7564)
YUV	108.4840, -4.1826, -11.8255
Hunter-Lab	40.0959, -10.6020, 6.6948

# Details

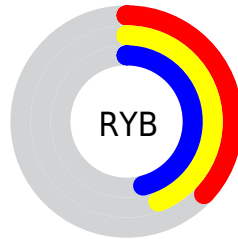
The YIQ color  $108.4840, -7.6550, -9.9510$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $103.5160, 7.6550, 9.9510$ , and the grayscale version is  $109.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $160.0710, -7.9300, -10.4740$ , and  $60.8970, -7.3800, -9.4280$  is the 20% darker color. If you saturate the color by 10%, you get  $103.8700, -11.9180, -15.2940$ , and if you desaturate by 10%, it is  $113.0980, -3.3920, -4.6080$ .

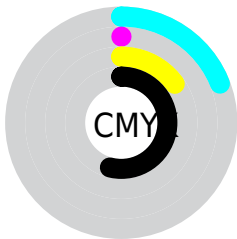
# Distribution



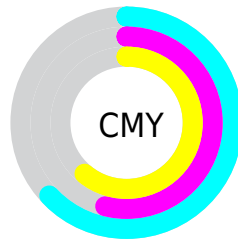
- Red (37%)
- Green (46%)
- Blue (39%)



- Red (37%)
- Yellow (44%)
- Blue (46%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (54%)



- Cyan (63%)
- Magenta (54%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 108.4840, -7.6550, -9.9510 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 108.4840, -7.6550, -9.9510 by changing the saturation by 10% instead.



■ 108.4840, -7.6550,  
-9.9510

■ 108.4840, -7.6550,  
-9.9510

■ 255.0000, -0.0000,  
-0.0000

■ 83.8970, -7.3800,  
-9.4280

■ 160.0710, -7.9300,  
-10.4740

■ 60.8970, -7.3800,  
-9.4280

■ 186.7720, -8.5260,  
-10.6860

■ 38.7230, -6.8300,  
-8.3820

■ 214.6580, -8.2050,  
-10.9970

■ 17.1850, -8.2510,  
-10.1630

■ 243.2450, -8.4800,  
-11.5200

■ 0.0000, 0.0000,  
0.0000

■ 108.4840, -7.6550,

■ 108.4840, -7.6550,

-9.9510

-9.9510

■ 103.8700,  
-11.9180, -15.2940

■ 113.0980, -3.3920,  
-4.6080

■ 99.5550, -15.5850,  
-20.4250

■ 117.4130, 0.2750,  
0.5230

■ 94.9410, -19.8480,  
-25.7680

■ 122.0270, 4.5380,  
5.8660

■ 90.3270, -24.1110,  
-31.1110

■ 126.6410, 8.8010,  
11.2090

■ 85.7130, -28.3740,  
-36.4540

■ 130.9560, 12.4680,  
16.3400

■ 81.3980, -32.0410,  
-41.5850

■ 135.5700, 16.7310,  
21.6830

■ 76.7840, -36.3040,  
-46.9280

■ 140.1840, 20.9940,  
27.0260

■ 72.1700, -40.5670,  
-52.2710

■ 144.7980, 25.2570,  
32.3690

■ 71.7570, -40.8420,  
-52.7940

■ 149.1130, 28.9240,  
37.5000

# Harmonies

## Analogous

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



109.6980, 3.4860, -8.1140



108.4840, -7.6550, -9.9510



107.3350, -17.4210, -9.1730

# Triad

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



108.4840, -7.6550, -9.9510



111.2080, -15.0850, 3.5630



112.9270, 19.4390, 5.6390

# Complementary

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



108.4840, -7.6550, -9.9510



103.5160, 7.6550, 9.9510

# 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.



113.8820, 15.3120, 8.8480



108.4840, -7.6550, -9.9510



113.0030, -4.0820, 7.9020

# Square

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



108.4840, -7.6550, -9.9510



108.7400, -22.6950, -1.6950



113.6300, 7.3340, 10.2620



112.1670, 18.5230, 0.2110



# Rectangle

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



108.4840, -7.6550, -9.9510



107.0510, -22.3730, -7.5330



113.6300, 7.3340, 10.2620



113.5680, 19.0720, 6.7840

# Sweetspot

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



108.4840, -7.6550, -9.9510



149.5110, -3.1170, -4.0850



112.9970, 4.0820, -7.9020



74.6360, -1.9710, -2.8270



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000



# Same Dimension

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



108.4840, -7.6550, -9.9510



139.4570, -12.1930, -15.8170



109.7380, -11.1860, -6.5300



56.6360, -1.9710, -2.8270



74.8060, -42.5380, -55.0980



153.2480, -87.0470, -113.0230



# Inverse Universe

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



103.5160, 7.6550, 9.9510



131.5430, 12.1930, 15.8170



102.2620, 11.1860, 6.5300



55.2500, 2.2920, 2.5160



47.3080, 42.2170, 55.4090



96.7520, 87.0470, 113.0230



# Previews

## White Background



This preview shows how the YIQ color 108.4840, -7.6550, -9.9510 looks on a white 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



# Black Background



This preview shows how the YIQ color 108.4840, -7.6550, -9.9510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

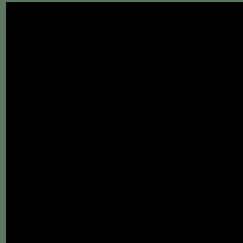
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 108.4840, -7.6550, -9.9510**

## **Background**



This preview shows how black text looks on a background with the YIQ color 108.4840, -7.6550, -9.9510.



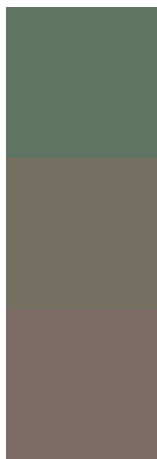
This preview shows how white text looks on a background with the YIQ color 108.4840, -7.6550,

-9.9510.

# 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

108.4840, -7.6550, -9.9510

### Protanopia

111.1980, 8.0700, -3.0820

### Deuteranopia

112.1110, 12.9290, 2.4730



## Tritanopia

110.5410, -11.8290, -0.3810

# Trichromacy



## Original Color

108.4840, -7.6550, -9.9510

## Protanomaly

110.0940, 2.4310, -5.5130

## Deuteranomaly

111.0560, 5.5940, -2.2620

## Tritanomaly

109.9170, -10.1320, -3.6040

# Monochromacy



## Original Color

108.4840, -7.6550, -9.9510

## Achromatopsia

108.0000, -0.0000, 0.0000

## Achromatomaly

107.9240, -2.8420, -3.5620

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 108.4840, -7.6550, -9.9510 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(95, 117, 100)` looks like.

```
.text, #text, p{  
    color:rgb(95, 117, 100)  
}
```

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(95, 117, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 117, 100) }
```

## Border

The CSS property to change the border of an element to YIQ 108.4840, -7.6550, -9.9510 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(95, 117, 100) }
```



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

```
.border{ border-color:rgb(95, 117, 100) }
```

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

Here you see how a box with a 4 pixel rgb(95, 117, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 117, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 117, 100);  
box-shadow:4px 4px 4px 4px rgb(95, 117,  
100) }
```

# Background

The CSS property to change the background color of an element to YIQ 108.4840, -7.6550, -9.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 117, 100) }
```

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

```
.background{ background-color: rgb(95, 117,  
100) }
```

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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