

# Converting Colors

YIQ(95.1670, 10.4960, 19.0400)

Have a look what the booklet for  
YIQ(95.1670, 10.4960, 19.0400)  
contains.

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# Color

**YIQ(95.1670, 10.4960,  
19.0400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755074
RGB	117, 80, 116
RGB Percent	46%, 31%, 45%
CMY	0.5411, 0.6863, 0.5451
CMYK	0.00, 0.32, 0.01, 0.54
HSL	302°, 19%, 39%
HSV	302°, 32%, 46%
XYZ	13.3600, 10.7800, 17.9007
YIQ	95.1670, 10.4960, 19.0400

# Conversions

## Conversions Part 2

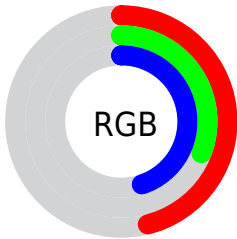
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 80, 116
Decimal	7688308
CIE <sub>Lab</sub>	39.21, 22.01, -14.38
CIE <sub>LCh</sub>	39, 26.290, 326.843
Yxy	10.7800, 0.3178, 0.2564
Android (android.graphics.Color)	4285878388 (0xFF755074)
YUV	95.1670, 10.2707, 19.1475
Hunter-Lab	32.8328, 15.1760, -9.3423

# Details

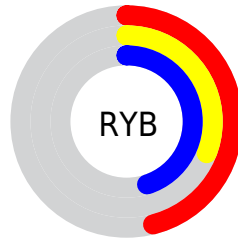
The YIQ color **95.1670, 10.4960, 19.0400** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **101.8330, -10.4960, -19.0400**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.2920, 11.6420, 20.2980**, and **48.0420, 9.3500, 17.7820** is the 20% darker color. If you saturate the color by 10%, you get **88.1230, 13.7960, 25.3160**, and if you desaturate by 10%, it is **102.2110, 7.1960, 12.7640**.

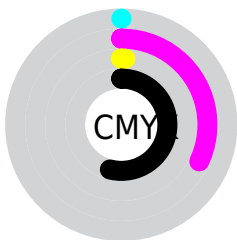
# Distribution



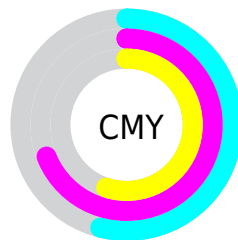
- Red (46%)
- Green (31%)
- Blue (45%)



- Red (46%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (54%)



- Cyan (54%)
- Magenta (69%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 95.1670, 10.4960, 19.0400 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 95.1670, 10.4960, 19.0400 by changing the saturation by 10% instead.



■ 95.1670, 10.4960,  
19.0400

■ 95.1670, 10.4960,  
19.0400

■ 255.0000, -0.0000,  
-0.0000

■ 71.3410, 9.9460,  
17.9940

■ 146.2920, 11.6420,  
20.2980

■ 48.0420, 9.3500,  
17.7820

■ 172.7050, 11.9170,  
20.8210

■ 26.2160, 8.8000,  
16.7360

■ 200.1180, 12.1920,  
21.3440

■ 10.6240, 7.4710,  
13.2870

■ 228.5310, 12.4670,  
21.8670

■ 0.0000, 0.0000,  
0.0000

■ 245.6080, 4.4000,  
8.3680

95.1670, 10.4960,  
19.0400

95.1670, 10.4960,  
19.0400

88.1230, 13.7960,  
25.3160

102.2110, 7.1960,  
12.7640

81.5520, 17.1420,  
30.7580

108.7820, 3.8500,  
7.3220

74.5080, 20.4420,  
37.0340

115.8260, 0.5500,  
1.0460

67.4640, 23.7420,  
43.3100

122.8700, -2.7500,  
-5.2300

60.3060, 27.3630,  
49.2750

130.0280, -6.3710,  
-11.1950

53.8490, 30.3880,  
55.0280


136.4850, -9.3960,  
-16.9480

47.9790, 33.1380,  
60.2580

143.5290,  
-12.6960, -23.2240

150.6870,

-16.3170, -29.1890

 157.1440,  
-19.3420, -34.9420

# Harmonies

## Analogous

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



93.6850, -11.6940, 13.6980



95.1670, 10.4960, 19.0400



94.6110, 26.6810, 17.5690

# Triad

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



95.1670, 10.4960, 19.0400



90.7080, 23.8890, -8.9350



73.1150, -63.9560, -19.3480

# Complementary

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



95.1670, 10.4960, 19.0400



101.8330, -10.4960, -19.0400

# 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.



79.2780, -39.6100, -20.0420



95.1670, 10.4960, 19.0400



88.6950, 7.5680, -16.0160

# Square

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



95.1670, 10.4960, 19.0400



92.5940, 33.3780, 0.8180



85.2780, -13.2470, -18.7430



74.4770, -67.6710, -12.5910



# Rectangle

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



95.1670, 10.4960, 19.0400



93.9120, 32.9630, 13.8510



85.2780, -13.2470, -18.7430



72.9040, -61.9840, -22.0480

# Sweetspot

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



95.1670, 10.4960, 19.0400



144.7820, 3.8500, 7.3220



84.5170, -11.2810, 11.7190



71.6030, 2.7960, 4.3960



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.



95.1670, 10.4960, 19.0400



118.7260, 16.5920, 29.7120



93.1150, 16.2740, 13.4420



55.3640, 1.9710, 2.8270



50.0440, 34.5130, 62.8730



102.4520, 70.9970, 128.5730



# Inverse Universe

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



95.1670, 10.4960, 19.0400



118.7260, 16.5920, 29.7120



103.8850, -16.2740, -13.4420



55.3640, 1.9710, 2.8270



50.0440, 34.5130, 62.8730



102.4520, 70.9970, 128.5730



# Previews

## White Background



This preview shows how the YIQ color 95.1670, 10.4960, 19.0400 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 95.1670, 10.4960, 19.0400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

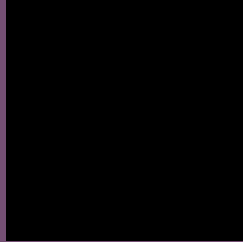
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 95.1670, 10.4960, 19.0400

## Background



This preview shows how black text looks on a background with the YIQ color 95.1670, 10.4960, 19.0400.



This preview shows how white text looks on a background with the YIQ color 95.1670, 10.4960,



# 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

95.1670, 10.4960, 19.0400

### Protanopia

92.3700, -15.3610, 8.5670

### Deuteranopia

93.6220, -7.3830, 7.1530



## Tritanopia

94.3550, 15.3580, 8.0140

# Trichromacy



## Original Color

95.1670, 10.4960, 19.0400

## Protanomaly

93.2680, -6.1460, 12.2700

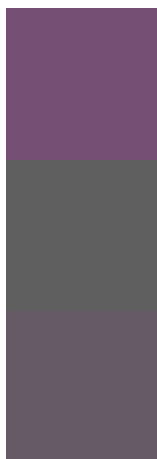
## Deuteranomaly

94.0790, -1.2400, 11.4640

## Tritanomaly

94.5060, 13.6150, 12.0710

# Monochromacy



## Original Color

95.1670, 10.4960, 19.0400

## Achromatopsia

95.0000, -0.0000, -0.0000

## Achromatomaly

95.3690, 3.5750, 6.7990

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 95.1670, 10.4960, 19.0400 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, 80, 116)` looks like.

```
.text, #text, p{  
    color:rgb(117, 80, 116)  
}
```

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, 80, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 80, 116) }
```

## Border

The CSS property to change the border of an element to YIQ 95.1670, 10.4960, 19.0400 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, 80, 116) }
```



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

```
.border{ border-color:rgb(117, 80, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 80, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 80, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 80, 116);  
box-shadow:4px 4px 4px 4px rgb(117, 80,  
116) }
```

# Background

The CSS property to change the background color of an element to YIQ 95.1670, 10.4960, 19.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 80, 116) }
```

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

```
.background{ background-color: rgb(117, 80,  
116) }
```

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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