

# Converting Colors

YIQ(94.3250, 6.8750, 13.0750)

Have a look what the booklet for  
YIQ(94.3250, 6.8750, 13.0750)  
contains.

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# Color

**YIQ(94.3250, 6.8750,  
13.0750)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D546D
RGB	109, 84, 109
RGB Percent	43%, 33%, 43%
CMY	0.5725, 0.6706, 0.5725
CMYK	0.00, 0.23, 0.00, 0.57
HSL	300°, 13%, 38%
HSV	300°, 23%, 43%
XYZ	12.2390, 10.6956, 15.8880
YIQ	94.3250, 6.8750, 13.0750

# Conversions

## Conversions Part 2

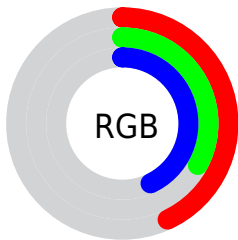
Format	Color
R <sub>Y</sub> B	109, 84, 109
Decimal	7165037
CIE Lab	39.06, 15.15, -10.36
CIE LCh	39, 18.349, 325.636
Yxy	10.6956, 0.3153, 0.2755
Android (android.graphics.Color)	4285355117 (0xFF6D546D)
YUV	94.3250, 7.2348, 12.8700
Hunter-Lab	32.7042, 9.5683, -5.9107

# Details

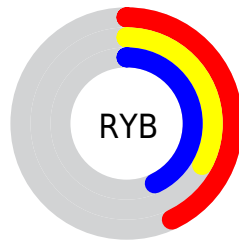
The YIQ color **94.3250, 6.8750, 13.0750** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **98.6750, -6.8750, -13.0750**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1510, 7.4250, 14.1210**, and **48.0860, 6.0500, 11.5060** is the 20% darker color. If you saturate the color by 10%, you get **87.8680, 9.9000, 18.8280**, and if you desaturate by 10%, it is **100.7820, 3.8500, 7.3220**.

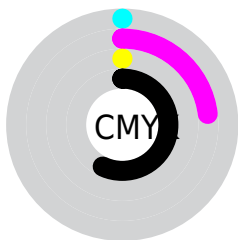
# Distribution



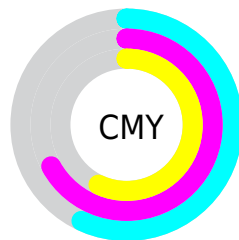
- Red (43%)
- Green (33%)
- Blue (43%)



- Red (43%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (57%)



- Cyan (57%)
- Magenta (67%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 94.3250, 6.8750, 13.0750 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 94.3250, 6.8750, 13.0750 by changing the saturation by 10% instead.



■ 94.3250, 6.8750,  
13.0750

■ 94.3250, 6.8750,  
13.0750

■ 255.0000, -0.0000,  
-0.0000

■ 70.9120, 6.6000,  
12.5520

■ 145.1510, 7.4250,  
14.1210

■ 48.0860, 6.0500,  
11.5060

■ 171.5640, 7.7000,  
14.6440

■ 26.7870, 5.4540,  
11.2940

■ 198.8630, 8.2960,  
14.8560

■ 7.2490, 4.0330,  
9.5130

■ 226.9770, 7.9750,  
15.1670

■ 0.0000, 0.0000,  
0.0000

■ 247.9560, 3.3000,  
6.2760

94.3250, 6.8750,  
13.0750

94.3250, 6.8750,  
13.0750

87.8680, 9.9000,  
18.8280

100.7820, 3.8500,  
7.3220

81.4110, 12.9250,  
24.5810

107.2390, 0.8250,  
1.5690

74.9540, 15.9500,  
30.3340

113.6960, -2.2000,  
-4.1840

68.4970, 18.9750,  
36.0870

120.1530, -5.2250,  
-9.9370

62.0400, 22.0000,  
41.8400

126.6100, -8.2500,  
-15.6900

56.1700, 24.7500,  
47.0700

132.4800,  
-11.0000, -20.9200

49.7130, 27.7750,  
52.8230


138.9370,  
-14.0250, -26.6730

45.0170, 29.9750,

145.3940,

57.0070

-17.0500, -32.4260

 151.8510,  
-20.0750, -38.1790

# Harmonies

## Analogous

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



93.0180, -8.4380, 9.7540



94.3250, 6.8750, 13.0750



94.2570, 18.7500, 12.6220

# Triad

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



94.3250, 6.8750, 13.0750



91.2930, 17.9280, -5.5280



84.3100, -33.4680, -10.2040

# Complementary

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



94.3250, 6.8750, 13.0750



98.6750, -6.8750, -13.0750

# 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.



85.5900, -22.6930, -12.7490



94.3250, 6.8750, 13.0750



89.7860, 6.0540, -10.6020

# Square

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



94.3250, 6.8750, 13.0750



92.3310, 23.9330, 1.2850



87.6040, -8.1130, -12.6650



85.9990, -33.7900, -4.3660



# Rectangle

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



94.3250, 6.8750, 13.0750



93.7150, 23.1520, 9.9360



87.6040, -8.1130, -12.6650



84.3380, -30.6710, -11.3350

# Sweetspot

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



94.3250, 6.8750, 13.0750



137.1300, 2.7500, 5.2300



86.8500, -8.0250, 7.7750



68.0650, 1.3750, 2.6150



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000



# Same Dimension

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



94.3250, 6.8750, 13.0750



119.5200, 11.0000, 20.9200



92.9570, 10.7270, 9.3430



50.4780, 1.6500, 3.1380



48.3210, 32.1750, 61.1910



101.1850, 67.3750, 128.1350



# Inverse Universe

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



94.3250, 6.8750, 13.0750



119.5200, 11.0000, 20.9200



100.1570, -11.0480, -9.0320



50.4780, 1.6500, 3.1380



48.3210, 32.1750, 61.1910



101.1850, 67.3750, 128.1350



# Previews

## White Background



This preview shows how the YIQ color 94.3250, 6.8750, 13.0750 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 94.3250, 6.8750, 13.0750 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

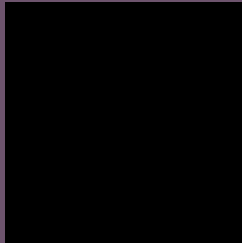
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 94.3250, 6.8750, 13.0750**

## **Background**



This preview shows how black text looks on a background with the YIQ color 94.3250, 6.8750, 13.0750.



This preview shows how white text looks on a background with the YIQ color 94.3250, 6.8750,



# 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

94.3250, 6.8750, 13.0750

### Protanopia

92.4260, -9.7670, 6.3050

### Deuteranopia

93.2480, -3.3940, 6.4460



## Tritanopia

93.7780, 9.6730, 6.4170

# Trichromacy



## Original Color

94.3250, 6.8750, 13.0750

## Protanomaly

92.8290, -3.5320, 8.9480

## Deuteranomaly

93.5690, 0.1360, 8.5520

## Tritanomaly

94.0600, 8.9390, 8.7070

# Monochromacy



## Original Color

94.3250, 6.8750, 13.0750

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

93.7170, 2.4750, 4.7070

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 94.3250, 6.8750, 13.0750 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(109, 84, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 84, 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(109, 84, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 84, 109) }
```

## Border

The CSS property to change the border of an element to YIQ 94.3250, 6.8750, 13.0750 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(109, 84, 109) }
```



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

```
.border{ border-color:rgb(109, 84, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 84, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 84, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 84, 109);  
box-shadow:4px 4px 4px 4px rgb(109, 84,  
109) }
```

# Background

The CSS property to change the background color of an element to YIQ 94.3250, 6.8750, 13.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 84, 109) }
```

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

```
.background{ background-color: rgb(109, 84,  
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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