

# Converting Colors

YIQ(95.8240, -14.3040, -5.0880)

Have a look what the booklet for  
YIQ(95.8240, -14.3040, -5.0880)  
contains.

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# Color

**YIQ(95.8240, -14.3040,  
-5.0880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F6767
RGB	79, 103, 103
RGB Percent	31%, 40%, 40%
CMY	0.6902, 0.5960, 0.5961
CMYK	0.23, 0.00, 0.00, 0.60
HSL	180°, 13%, 36%
HSV	180°, 23%, 40%
XYZ	10.5219, 12.3431, 14.6560
YIQ	95.8240, -14.3040, -5.0880

# Conversions

## Conversions Part 2

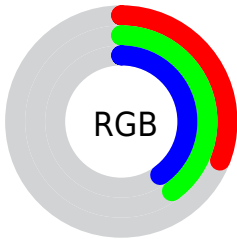
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 91, 103
Decimal	5203815
CIE Lab	41.76, -8.87, -2.92
CIE LCh	42, 9.338, 198.211
Yxy	12.3431, 0.2804, 0.3290
Android (android.graphics.Color)	4283393895 (0xFF4F6767)
YUV	95.8240, 3.5378, -14.7546
Hunter-Lab	35.1328, -8.0233, -0.1406

# Details

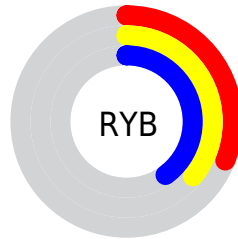
The YIQ color **95.8240, -14.3040, -5.0880** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.1760, 14.3040, 5.0880**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5250, -14.9000, -5.3000**, and **49.1230, -13.7080, -4.8760** is the 20% darker color. If you saturate the color by 10%, you get **92.8340, -20.2640, -7.2080**, and if you desaturate by 10%, it is **98.8140, -8.3440, -2.9680**.

# Distribution



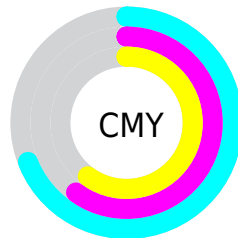
- Red (31%)
- Green (40%)
- Blue (40%)



- Red (31%)
- Yellow (36%)
- Blue (40%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (60%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 95.8240, -14.3040, -5.0880 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 95.8240, -14.3040, -5.0880 by changing the saturation by 10% instead.



■ 95.8240, -14.3040,  
-5.0880

■ 95.8240, -14.3040,  
-5.0880

■ 255.0000, -0.0000,  
-0.0000

■ 72.1230, -13.7080,  
-4.8760

■ 146.5250,  
-14.9000, -5.3000

■ 49.1230, -13.7080,  
-4.8760

■ 173.2260,  
-15.4960, -5.5120

■ 28.1230, -13.7080,  
-4.8760

■ 200.2260,  
-15.4960, -5.5120

■ 8.5260, -7.4730,  
-2.2330

■ 228.9270,  
-16.0920, -5.7240

■ 0.0000, 0.0000,  
0.0000

■ 249.9170,  
-10.1320, -3.6040

■ 95.8240, -14.3040,  
-5.0880

■ 95.8240, -14.3040,  
-5.0880

■ 92.8340, -20.2640,  
-7.2080

■ 98.8140, -8.3440,  
-2.9680

■ 89.5450, -26.8200,  
-9.5400

■ 102.1030, -1.7880,  
-0.6360

■ 86.5550, -32.7800,  
-11.6600

■ 105.0930, 4.1720,  
1.4840

■ 83.5650, -38.7400,  
-13.7800

■ 108.0830, 10.1320,  
3.6040

■ 80.2760, -45.2960,  
-16.1120

■ 111.0730, 16.0920,  
5.7240

■ 77.2860, -51.2560,  
-18.2320

■ 114.3620, 22.6480,  
8.0560

■ 74.2960, -57.2160,  
-20.3520

■ 117.3520, 28.6080,  
10.1760

■ 72.2030, -61.3880,

■ 120.3420, 34.5680,

-21.8360

12.2960

■ 123.6310, 41.1240,  
14.6280

# Harmonies

## Analogous

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



96.1080, -9.3520, -6.7280



95.8240, -14.3040, -5.0880



96.3340, -15.6800, -2.1760

# Triad

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



95.8240, -14.3040, -5.0880



99.8850, 2.0620, 6.6860



98.8070, 10.7290, -1.7110

# Complementary

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



95.8240, -14.3040, -5.0880



86.1760, 14.3040, 5.0880

# 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.



99.4700, 13.2960, 1.3280



95.8240, -14.3040, -5.0880



100.2940, 8.1600, 6.3040

# Square

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



95.8240, -14.3040, -5.0880



99.1120, -6.0070, 4.2410



99.6920, 12.7910, 4.9750



97.5890, 5.4110, -4.4530



# Rectangle

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



95.8240, -14.3040, -5.0880



97.1710, -13.6630, -0.1830



99.6920, 12.7910, 4.9750



98.8180, 12.1960, -0.7640

# Sweetspot

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



95.8240, -14.3040, -5.0880



132.3090, -5.3640, -1.9080



93.0880, -6.6000, -12.5520



67.2060, -3.5760, -1.2720



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000



# Same Dimension

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



95.8240, -14.3040, -5.0880



123.6380, -22.6480, -8.0560



88.7800, -11.0040, 1.1880



49.5050, -2.9800, -1.0600



80.6150, -68.5400, -24.3800



169.6420, -144.2320, -51.3040



# Inverse Universe

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



86.1760, 14.3040, 5.0880



108.3620, 22.6480, 8.0560



93.2200, 11.0040, -1.1880



47.4950, 2.9800, 1.0600



34.3850, 68.5400, 24.3800



72.3580, 144.2320, 51.3040



# Previews

## White Background



This preview shows how the YIQ color 95.8240, -14.3040, -5.0880 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 95.8240, -14.3040, -5.0880 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

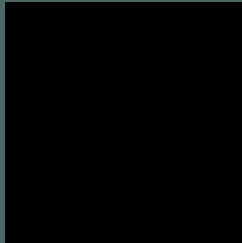
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 95.8240, -14.3040, -5.0880**

## **Background**



This preview shows how black text looks on a background with the YIQ color 95.8240, -14.3040, -5.0880.



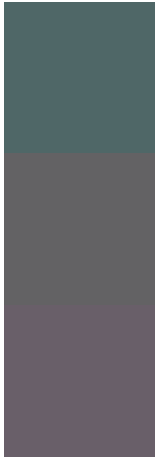
This preview shows how white text looks on a background with the YIQ color 95.8240, -14.3040,

-5.0880.

# 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

95.8240, -14.3040, -5.0880

### Protanopia

98.5270, -0.0460, 0.8340

### Deuteranopia

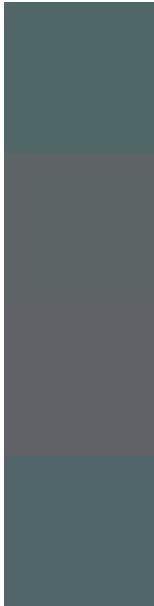
99.1300, 2.7500, 5.2300



## Tritanopia

96.3340, -15.6800, -2.1760

# Trichromacy



## Original Color

95.8240, -14.3040, -5.0880

## Protanomaly

97.7220, -5.0890, -1.3850

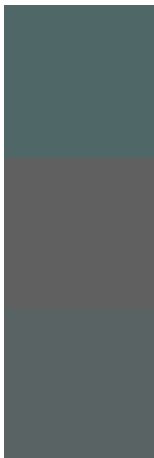
## Deuteranomaly

98.0860, -3.1180, 1.4420

## Tritanomaly

95.9920, -14.7170, -3.1090

# Monochromacy



## Original Color

95.8240, -14.3040, -5.0880

## Achromatopsia

96.0000, -0.0000, 0.0000

## Achromatomaly

96.3090, -5.3640, -1.9080

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 95.8240, -14.3040, -5.0880 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(79, 103, 103)` looks like.

```
.text, #text, p{  
    color:rgb(79, 103, 103)  
}
```

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(79, 103, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 103, 103) }
```

## Border

The CSS property to change the border of an element to YIQ 95.8240, -14.3040, -5.0880 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(79, 103, 103) }
```



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

```
.border{ border-color:rgb(79, 103, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 103, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 103, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 103, 103);  
box-shadow:4px 4px 4px 4px rgb(79, 103,  
103) }
```

# Background

The CSS property to change the background color of an element to YIQ 95.8240, -14.3040, -5.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 103, 103) }
```

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

```
.background{ background-color: rgb(79, 103,  
103) }
```

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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