

# Converting Colors

YIQ(98.9130, 4.8590, 5.5550)

Have a look what the booklet for  
YIQ(98.9130, 4.8590, 5.5550)  
contains.

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**Color**

**YIQ(98.9130, 4.8590, 5.5550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B5E67
RGB	107, 94, 103
RGB Percent	42%, 37%, 40%
CMY	0.5804, 0.6314, 0.5961
CMYK	0.00, 0.12, 0.04, 0.58
HSL	318°, 6%, 39%
HSV	318°, 12%, 42%
XYZ	12.5151, 12.1102, 14.5107
YIQ	98.9130, 4.8590, 5.5550

# Conversions

## Conversions Part 2

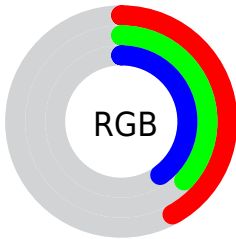
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 94, 103
Decimal	7036519
CIE Lab	41.39, 7.00, -3.21
CIE LCh	41, 7.698, 335.368
Yxy	12.1102, 0.3198, 0.3094
Android (android.graphics.Color)	4285226599 (0xFF6B5E67)
YUV	98.9130, 2.0149, 7.0923
Hunter-Lab	34.7996, 3.2950, -0.3628

# Details

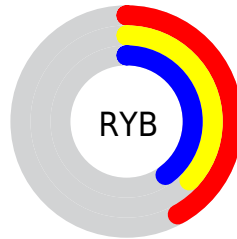
The YIQ color **98.9130, 4.8590, 5.5550** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.0870, -4.8590, -5.5550**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3260, 5.1340, 6.0780**, and **52.5000, 4.5840, 5.0320** is the 20% darker color. If you saturate the color by 10%, you get **92.1140, 8.8470, 10.3750**, and if you desaturate by 10%, it is **105.7120, 0.8710, 0.7350**.

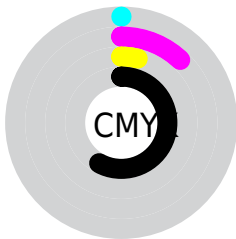
# Distribution



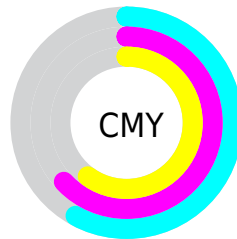
- Red (42%)
- Green (37%)
- Blue (40%)



- Red (42%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (58%)



- Cyan (58%)
- Magenta (63%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 98.9130, 4.8590, 5.5550 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 98.9130, 4.8590, 5.5550 by changing the saturation by 10% instead.



■ 98.9130, 4.8590,  
5.5550

■ 98.9130, 4.8590,  
5.5550

255.0000, -0.0000,  
-0.0000

■ 74.9130, 4.8590,  
5.5550

■ 149.3260, 5.1340,  
6.0780

■ 52.5000, 4.5840,  
5.0320

■ 176.3260, 5.1340,  
6.0780

■ 31.2010, 3.9880,  
4.8200

■ 203.6250, 5.7300,  
6.2900

■ 6.8640, 6.5550,  
7.8590

■ 231.7390, 5.4090,  
6.6010

■ 0.0000, 0.0000,  
0.0000

■ 98.9130, 4.8590,

■ 98.9130, 4.8590,

5.5550

92.1140, 8.8470,  
10.3750

85.7880, 12.8810,  
14.3610

78.9890, 16.8690,  
19.1810

72.1900, 20.8570,  
24.0010

65.3910, 24.8450,  
28.8210

59.0650, 28.8790,  
32.8070

52.2660, 32.8670,  
37.6270

45.4670, 36.8550,  
42.4470

5.5550

105.7120, 0.8710,  
0.7350

112.0380, -3.1630,  
-3.2510

118.8370, -7.1510,  
-8.0710

125.6360,  
-11.1390, -12.8910

132.4350,  
-15.1270, -17.7110

138.7610,  
-19.1610, -21.6970

145.5600,  
-23.1490, -26.5170

152.3590,  
-27.1370, -31.3370

■ 40.4290, 40.0180,  
45.6980

■ 158.6850,  
-31.1710, -35.3230

# Harmonies

## Analogous

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



98.5640, -1.4680, 4.5800



98.9130, 4.8590, 5.5550



98.8380, 9.4440, 5.0600

# Triad

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



98.9130, 4.8590, 5.5550



97.7140, 6.5570, -3.1950



95.7750, -12.6080, -2.7840

# Complementary

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



98.9130, 4.8590, 5.5550



102.0870, -4.8590, -5.5550

# 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.



95.3900, -10.0860, -4.4380



98.9130, 4.8590, 5.5550



96.1370, 0.8720, -4.7920

# Square

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



98.9130, 4.8590, 5.5550



97.8610, 10.6370, -0.0430



96.0870, -4.8590, -5.5550



96.5410, -11.8290, -0.3810



# Rectangle

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



98.9130, 4.8590, 5.5550



98.8550, 10.7740, 2.9820



96.0870, -4.8590, -5.5550



95.5470, -11.9660, -3.4060

# Sweetspot

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



98.9130, 4.8590, 5.5550



136.9510, 1.6960, 2.3040



96.6780, -1.7890, 4.8910



69.1250, 1.1460, 1.2580



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.



98.9130, 4.8590, 5.5550



126.9890, 7.7010, 9.1170



98.2290, 6.7850, 3.6890



50.2500, 2.2920, 2.5160



44.2170, 43.7310, 49.9950



92.5210, 91.7710, 104.4990



# Inverse Universe

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



98.9130, 4.8590, 5.5550



126.9890, 7.7010, 9.1170



102.7710, -6.7850, -3.6890



50.2500, 2.2920, 2.5160



44.2170, 43.7310, 49.9950



92.5210, 91.7710, 104.4990



# Previews

## White Background



This preview shows how the YIQ color 98.9130, 4.8590, 5.5550 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 98.9130, 4.8590, 5.5550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

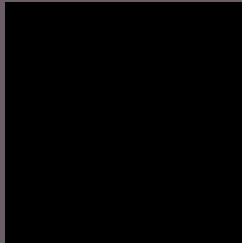
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 98.9130, 4.8590, 5.5550**

## **Background**



This preview shows how black text looks on a background with the YIQ color 98.9130, 4.8590, 5.5550.



This preview shows how white text looks on a background with the YIQ color 98.9130, 4.8590, 5.5550.

# 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

98.9130, 4.8590, 5.5550

### Protanopia

97.9120, -2.5680, 2.4880

### Deuteranopia

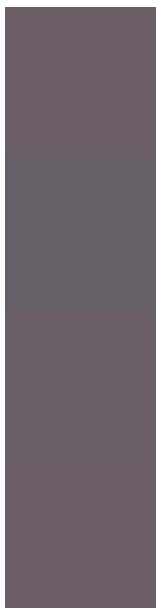
98.9020, 3.3920, 4.6080



## Tritanopia

98.7990, 5.1800, 5.2440

# Trichromacy



## Original Color

98.9130, 4.8590, 5.5550

## Protanomaly

98.4070, 0.4120, 3.5480

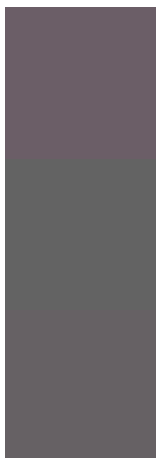
## Deuteranomaly

99.2010, 3.9880, 4.8200

## Tritanomaly

98.7990, 5.1800, 5.2440

# Monochromacy



## Original Color

98.9130, 4.8590, 5.5550

## Achromatopsia

99.0000, -0.0000, 0.0000

## Achromatomaly

98.8370, 2.0170, 1.9930

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 98.9130, 4.8590, 5.5550 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(107, 94, 103)` looks like.

```
.text, #text, p{  
    color:rgb(107, 94, 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(107, 94, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 94, 103) }
```

## Border

The CSS property to change the border of an element to YIQ 98.9130, 4.8590, 5.5550 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(107, 94, 103) }
```

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

```
.border{ border-color:rgb(107, 94, 103) }
```

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

Here you see how a box with a 4 pixel rgb(107, 94, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 94, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 94, 103);  
box-shadow:4px 4px 4px 4px rgb(107, 94,  
103) }
```



# Background

The CSS property to change the background color of an element to YIQ 98.9130, 4.8590, 5.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 94, 103) }
```

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

```
.background{ background-color: rgb(107, 94,  
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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