

# Converting Colors

YIQ(99.8930, -1.5570, -10.3330)

Have a look what the booklet for  
YIQ(99.8930, -1.5570, -10.3330)  
contains.

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# Color

**YIQ(99.8930, -1.5570,  
-10.3330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C6B54
RGB	92, 107, 84
RGB Percent	36%, 42%, 33%
CMY	0.6393, 0.5804, 0.6706
CMYK	0.14, 0.00, 0.21, 0.58
HSL	99°, 12%, 37%
HSV	99°, 21%, 42%
XYZ	11.2711, 13.4315, 10.3866
YIQ	99.8930, -1.5570, -10.3330

# Conversions

## Conversions Part 2

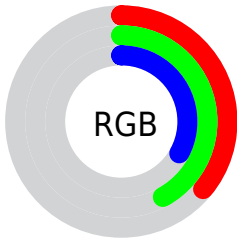
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 107, 99
Decimal	6056788
CIE <sub>Lab</sub>	43.41, -10.41, 11.04
CIE <sub>LCh</sub>	43, 15.178, 133.327
Yxy	13.4315, 0.3212, 0.3828
Android (android.graphics.Color)	4284246868 (0xFF5C6B54)
YUV	99.8930, -7.8352, -6.9222
Hunter-Lab	36.6490, -9.2397, 8.8511

# Details

The YIQ color **99.8930, -1.5570, -10.3330** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.1070, 1.5570, 10.3330**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.4800, -1.8320, -10.8560**, and **53.4200, -1.6030, -9.4990** is the 20% darker color. If you saturate the color by 10%, you get **96.5460, -2.1980, -15.2380**, and if you desaturate by 10%, it is **103.2400, -0.9160, -5.4280**.

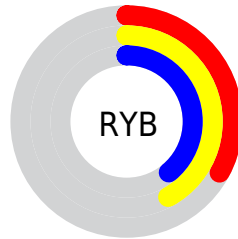
# Distribution



Red (36%)

Green (42%)

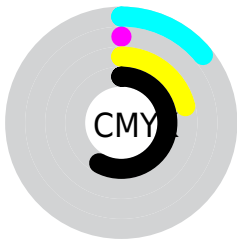
Blue (33%)



Red (33%)

Yellow (42%)

Blue (39%)

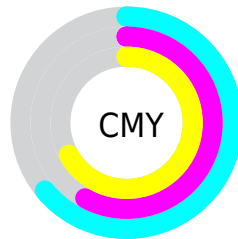


Cyan (14%)

Magenta (0%)

Yellow (21%)

Black (58%)



Cyan (64%)

Magenta (58%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 99.8930, -1.5570, -10.3330 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 99.8930, -1.5570, -10.3330 by changing the saturation by 10% instead.



■ 99.8930, -1.5570,  
-10.3330

■ 99.8930, -1.5570,  
-10.3330

■ 255.0000, -0.0000,  
-0.0000

■ 76.0070, -1.8780,  
-10.0220

■ 150.4800, -1.8320,  
-10.8560

■ 53.4200, -1.6030,  
-9.4990

■ 177.3660, -1.5110,  
-11.1670

■ 31.8330, -1.3280,  
-8.9760

■ 204.9530, -1.7860,  
-11.6900

■ 10.5660, -4.9500,  
-9.4140

■ 232.9530, -1.7860,  
-11.6900

■ 0.0000, 0.0000,  
0.0000

■ 253.0340, 2.6600,  
-4.1560

■ 99.8930, -1.5570,  
-10.3330

■ 99.8930, -1.5570,  
-10.3330

■ 96.5460, -2.1980,  
-15.2380

■ 103.2400, -0.9160,  
-5.4280

■ 93.3130, -3.1600,  
-19.8320

■ 106.4730, 0.0460,  
-0.8340

■ 89.9660, -3.8010,  
-24.7370

■ 109.8200, 0.6870,  
4.0710

■ 86.6190, -4.4420,  
-29.6420

■ 113.1670, 1.3280,  
8.9760

■ 83.2720, -5.0830,  
-34.5470

■ 116.5140, 1.9690,  
13.8810

■ 80.0390, -6.0450,  
-39.1410

■ 119.7470, 2.9310,  
18.4750

■ 76.6920, -6.6860,  
-44.0460

■ 123.0940, 3.5720,  
23.3800

■ 73.8720, -7.3730,

■ 126.4410, 4.2130,

-48.1170

28.2850

■ 129.6740, 5.1750,  
32.8790

# Harmonies

## Analogous

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



101.6340, 9.5380, -7.6620



99.8930, -1.5570, -10.3330



98.1350, -13.9820, -10.9260

# Triad

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



99.8930, -1.5570, -10.3330



100.2070, -22.5120, 0.4960



104.5080, 19.3010, 8.1410

# Complementary

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



99.8930, -1.5570, -10.3330



91.1070, 1.5570, 10.3330

# 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.



104.4950, 12.1480, 11.1240



99.8930, -1.5570, -10.3330



102.7570, -12.1970, 6.2910

# Square

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



99.8930, -1.5570, -10.3330



97.8810, -27.6460, -5.5820



104.2210, 1.2360, 10.6440



103.8300, 21.0900, 3.2500



# Rectangle

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



99.8930, -1.5570, -10.3330



97.6550, -21.3180, -10.1340



104.2210, 1.2360, 10.6440



105.0780, 17.6960, 9.6960

# Sweetspot

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



99.8930, -1.5570, -10.3330



137.5930, -0.4120, -3.5480



99.6820, 9.5830, -2.9690



69.5330, -0.1830, -2.1910



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.



99.8930, -1.5570, -10.3330



128.7200, -2.7480, -16.2840



97.8430, -7.2880, -11.0960



52.1200, -0.4580, -2.7140



80.9380, -7.7390, -52.4990



169.2300, -16.7150, -110.1150



# Inverse Universe

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



91.1070, 1.5570, 10.3330



115.2800, 2.7480, 16.2840



93.1570, 7.2880, 11.0960



49.8800, 0.4580, 2.7140



36.3610, 8.3350, 52.7110



75.7700, 16.7150, 110.1150



# Previews

## White Background



This preview shows how the YIQ color 99.8930, -1.5570, -10.3330 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 99.8930, -1.5570, -10.3330 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 99.8930, -1.5570, -10.3330**

## **Background**



This preview shows how black text looks on a background with the YIQ color 99.8930, -1.5570, -10.3330.



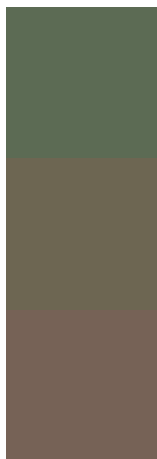
This preview shows how white text looks on a background with the YIQ color 99.8930, -1.5570,

-10.3330.

# 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

99.8930, -1.5570, -10.3330

### Protanopia

101.8130, 10.5920, -4.7360

### Deuteranopia

102.6120, 15.7720, 0.5080



## Tritanopia

101.8190, -6.7400, 1.0040

# Trichromacy



## Original Color

99.8930, -1.5570, -10.3330

## Protanomaly

101.3070, 6.1450, -6.7430

## Deuteranomaly

101.5680, 9.9040, -3.2800

## Tritanomaly

100.9670, -4.4010, -2.8410

# Monochromacy



## Original Color

99.8930, -1.5570, -10.3330

## Achromatopsia

100.0000, -0.0000, -0.0000

## Achromatomaly

100.1800, -0.6870, -4.0710

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 99.8930, -1.5570, -10.3330 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(92, 107, 84)` looks like.

```
.text, #text, p{  
    color:rgb(92, 107, 84)  
}
```

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(92, 107, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 107, 84) }
```

## Border

The CSS property to change the border of an element to YIQ 99.8930, -1.5570, -10.3330 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(92, 107, 84) }
```



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

```
.border{ border-color:rgb(92, 107, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 107, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 107, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 107, 84);  
box-shadow:4px 4px 4px 4px rgb(92, 107,  
84) }
```

# Background

The CSS property to change the background color of an element to YIQ 99.8930, -1.5570, -10.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 107, 84) }
```

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

```
.background{ background-color: rgb(92, 107,  
84) }
```

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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