

# Converting Colors

YIQ(118.0920, 13.9400,  
-10.3480)

Have a look what the booklet for  
YIQ(118.0920, 13.9400, -10.3480)  
contains.

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# Color

**YIQ(118.0920, 13.9400,  
-10.3480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D7955
RGB	125, 121, 85
RGB Percent	49%, 47%, 33%
CMY	0.5098, 0.5255, 0.6666
CMYK	0.00, 0.03, 0.32, 0.51
HSL	54°, 19%, 41%
HSV	54°, 32%, 49%
XYZ	16.9347, 18.6903, 11.3138
YIQ	118.0920, 13.9400, -10.3480

# Conversions

## Conversions Part 2

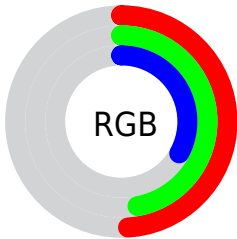
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 125, 85
Decimal	8223061
CIE Lab	50.32, -4.52, 20.32
CIE LCh	50, 20.821, 102.545
Yxy	18.6903, 0.3608, 0.3982
Android (android.graphics.Color)	4286413141 (0xFF7D7955)
YUV	118.0920, -16.3144, 6.0583
Hunter-Lab	43.2322, -5.7355, 14.7465

# Details

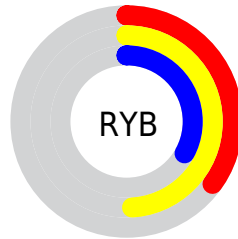
The YIQ color **118.0920, 13.9400, -10.3480** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **91.9080, -13.9400, 10.3480**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.1630, 15.1780, -10.7580**, and **69.7220, 12.1060, -10.1500** is the 20% darker color. If you saturate the color by 10%, you get **116.1370, 18.0670, -13.5570**, and if you desaturate by 10%, it is **120.1610, 9.4920, -6.8280**.

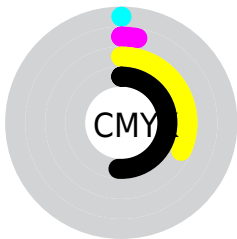
# Distribution



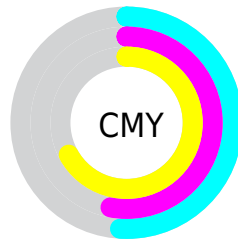
- Red (49%)
- Green (47%)
- Blue (33%)



- Red (35%)
- Yellow (49%)
- Blue (33%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (51%)



- Cyan (51%)
- Magenta (53%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 118.0920, 13.9400, -10.3480 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 118.0920, 13.9400, -10.3480 by changing the saturation by 10% instead.



■ 118.0920, 13.9400,  
-10.3480

■ 118.0920, 13.9400,  
-10.3480

■ 255.0000, -0.0000,  
-0.0000

■ 93.3200, 13.2980,  
-9.7260

■ 170.1630, 15.1780,  
-10.7580

■ 69.7220, 12.1060,  
-10.1500

■ 197.9350, 15.8200,  
-11.3800

■ 46.9500, 11.4640,  
-9.5280

■ 225.8210, 16.1410,  
-11.6910

■ 26.2920, 10.5010,  
-8.5950

■ 250.5540, 12.5190,  
-12.1290

■ 1.1740, -0.5500,  
-1.0460

■ 253.8600, 3.2100,  
-3.1100

■ 0.0000, 0.0000,  
0.0000

■ 118.0920, 13.9400,  
-10.3480

■ 118.0920, 13.9400,  
-10.3480

■ 116.1370, 18.0670,  
-13.5570

■ 120.1610, 9.4920,  
-6.8280

■ 114.0680, 22.5150,  
-17.0770

■ 122.7030, 5.0900,  
-4.1420

■ 111.5260, 26.9170,  
-19.7630

■ 124.7720, 0.6420,  
-0.6220

■ 109.4570, 31.3650,  
-23.2830

■ 126.7270, -3.4850,  
2.5870

■ 107.5020, 35.4920,  
-26.4920

■ 128.7960, -7.9330,  
6.1070

■ 105.4330, 39.9400,  
-30.0120

■ 130.7510,  
-12.0600, 9.3160

■ 103.7060, 43.4250,  
-32.5990

■ 133.4070,  
-16.7830, 12.3130

■ 135.3620,

-20.9100, 15.5220

■ 137.4310,  
-25.3580, 19.0420

# Harmonies

## Analogous

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



119.7670, 25.4010, -3.2950



118.0920, 13.9400, -10.3480



115.9590, -1.9230, -14.7150

# Triad

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



118.0920, 13.9400, -10.3480



111.4710, -41.1710, -8.2670



122.5820, 16.4570, 15.6330

# Complementary

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



118.0920, 13.9400, -10.3480



91.9080, -13.9400, 10.3480

# 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.



122.4430, 0.7310, 14.2910



118.0920, 13.9400, -10.3480



115.0470, -33.7450, 0.3270

# Square

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



118.0920, 13.9400, -10.3480



111.4190, -35.3930, -13.8650



119.7010, -17.7910, 8.5530



122.3350, 27.2780, 12.2540



# Rectangle

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



118.0920, 13.9400, -10.3480



114.0870, -14.0270, -15.6190



119.7010, -17.7910, 8.5530



122.5430, 12.1930, 15.8170

# Sweetspot

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



118.0920, 13.9400, -10.3480



160.5890, 5.4110, -4.4530



97.4160, 22.5560, 9.7240



80.2730, 3.4850, -2.5870



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000



# Same Dimension

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



118.0920, 13.9400, -10.3480



152.4100, 21.5520, -16.1440



115.6560, 3.3040, -15.8320



62.6150, 2.5220, -1.6540



105.7770, 44.6630, -33.0090



0.0000, 0.0000, 0.0000



# Inverse Universe

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



91.9080, -13.9400, 10.3480



111.5900, -21.5520, 16.1440



94.3440, -3.3040, 15.8320



58.3850, -2.5220, 1.6540



22.2230, -44.6630, 33.0090



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YIQ color 118.0920, 13.9400, -10.3480 looks on a white 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



# Black Background



This preview shows how the YIQ color 118.0920, 13.9400, -10.3480 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

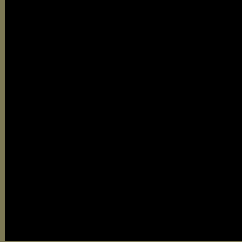
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 118.0920, 13.9400, -10.3480

## Background



This preview shows how black text looks on a background with the YIQ color 118.0920, 13.9400, -10.3480.



This preview shows how white text looks on a background with the YIQ color 118.0920, 13.9400,

-10.3480.

# 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

118.0920, 13.9400, -10.3480

### Protanopia

118.5870, 16.9200, -9.2880

### Deuteranopia

119.7670, 25.4010, -3.2950



## Tritanopia

121.2120, 5.4550, 5.7670

# Trichromacy



## Original Color

118.0920, 13.9400, -10.3480

## Protanomaly

118.2880, 16.3240, -9.5000

## Deuteranomaly

119.1470, 21.2750, -5.6130

## Tritanomaly

120.0780, 8.5280, -0.3680

# Monochromacy



## Original Color

118.0920, 13.9400, -10.3480

## Achromatopsia

118.0000, 0.0000, -0.0000

## Achromatomaly

118.1160, 5.3650, -3.6190

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 118.0920, 13.9400, -10.3480 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(125, 121, 85)` looks like.

```
.text, #text, p{  
    color:rgb(125, 121, 85)  
}
```

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(125, 121, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 121, 85) }
```

## Border

The CSS property to change the border of an element to YIQ 118.0920, 13.9400, -10.3480 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(125, 121, 85) }
```



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

```
.border{ border-color:rgb(125, 121, 85) }
```

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

Here you see how a box with a 4 pixel rgb(125, 121, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 121, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 121, 85);  
box-shadow:4px 4px 4px 4px rgb(125, 121,  
85) }
```

# Background

The CSS property to change the background color of an element to YIQ 118.0920, 13.9400, -10.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 121, 85) }
```

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

```
.background{ background-color: rgb(125,  
121, 85) }
```

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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