

# Converting Colors

YIQ(133.0810, 4.4460, 7.5340)

Have a look what the booklet for  
YIQ(133.0810, 4.4460, 7.5340)  
contains.

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# Color

**YIQ(133.0810, 4.4460,  
7.5340)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E7F8D
RGB	142, 127, 141
RGB Percent	56%, 50%, 55%
CMY	0.4431, 0.5020, 0.4470
CMYK	0.00, 0.11, 0.01, 0.44
HSL	304°, 6%, 53%
HSV	304°, 11%, 56%
XYZ	23.5537, 22.8520, 28.3695
YIQ	133.0810, 4.4460, 7.5340

# Conversions

## Conversions Part 2

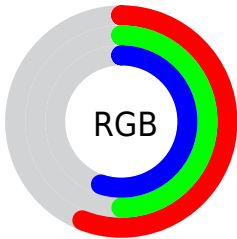
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 127, 141
Decimal	9338765
CIE <sub>Lab</sub>	54.92, 8.37, -5.46
CIE <sub>LCh</sub>	55, 9.996, 326.860
Yxy	22.8520, 0.3150, 0.3056
Android (android.graphics.Color)	4287528845 (0xFF8E7F8D)
YUV	133.0810, 3.9041, 7.8220
Hunter-Lab	47.8038, 4.2930, -1.7233

# Details

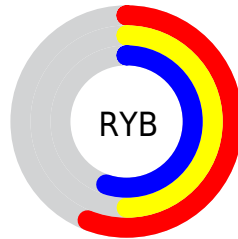
The YIQ color  $133.0810, 4.4460, 7.5340$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $135.9190, -4.4460, -7.5340$ , and the grayscale version is  $133.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $186.4940, 4.7210, 8.0570$ , and  $83.6680, 4.1710, 7.0110$  is the 20% darker color. If you saturate the color by 10%, you get  $124.7490, 8.6170, 14.5450$ , and if you desaturate by 10%, it is  $141.4130, 0.2750, 0.5230$ .

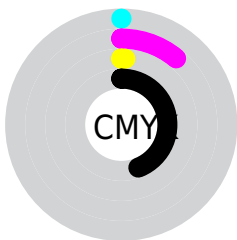
# Distribution



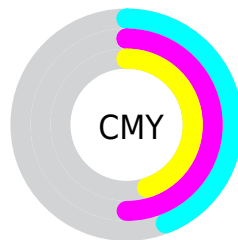
- Red (56%)
- Green (50%)
- Blue (55%)



- Red (56%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (44%)



- Cyan (44%)
- Magenta (50%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 133.0810, 4.4460, 7.5340 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 133.0810, 4.4460, 7.5340 by changing the saturation by 10% instead.



■ 133.0810, 4.4460,  
7.5340

■ 133.0810, 4.4460,  
7.5340

■ 255.0000, -0.0000,  
-0.0000

■ 107.6680, 4.1710,  
7.0110

■ 186.4940, 4.7210,  
8.0570

■ 83.6680, 4.1710,  
7.0110

■ 213.7930, 5.3170,  
8.2690

■ 60.2550, 3.8960,  
6.4880

■ 242.4940, 4.7210,  
8.0570

■ 38.8420, 3.6210,  
5.9650

■ 17.6680, 4.1710,  
7.0110

■ 0.0000, 0.0000,  
0.0000

133.0810, 4.4460,  
7.5340

133.0810, 4.4460,  
7.5340

124.7490, 8.6170,  
14.5450

141.4130, 0.2750,  
0.5230

116.4170, 12.7880,  
21.5560

149.7450, -3.8960,  
-6.4880

107.4980, 17.2340,  
29.0900

158.6640, -8.3420,  
-14.0220

99.1660, 21.4050,  
36.1010

166.9960,  
-12.5130, -21.0330

90.8340, 25.5760,  
43.1120

175.3280,  
-16.6840, -28.0440

82.5020, 29.7470,  
50.1230

183.6600,  
-20.8550, -35.0550

74.1700, 33.9180,  
57.1340

191.9920,  
-25.0260, -42.0660

65.2510, 38.3640,

200.9110,

64.6680

-29.4720, -49.6000

■ 57.5060, 42.2600,  
71.1560

■ 209.2430,  
-33.6430, -56.6110

# Harmonies

## Analogous

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



132.5360, -4.2650, 5.7110



133.0810, 4.4460, 7.5340



133.3760, 10.8650, 6.8410

# Triad

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



133.0810, 4.4460, 7.5340



131.1660, 11.0960, -2.8560



128.5680, -16.4590, -4.5790

# Complementary

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



133.0810, 4.4460, 7.5340



135.9190, -4.4460, -7.5340

# 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.



128.7270, -12.6530, -7.4770



133.0810, 4.4460, 7.5340



130.1650, 3.6690, -5.9230

# Square

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



133.0810, 4.4460, 7.5340



132.4270, 14.8550, 0.6070



129.0330, -4.7670, -7.2230



129.6760, -16.6430, -1.2430



# Rectangle

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



133.0810, 4.4460, 7.5340



133.2900, 13.9830, 5.3990



129.0330, -4.7670, -7.2230



128.8130, -15.7710, -6.0350

# Sweetspot

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



133.0810, 4.4460, 7.5340



180.3640, 1.9710, 2.8270



129.0090, -4.2190, 4.8770



89.6520, 1.1000, 2.0920



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000



# Same Dimension

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



133.0810, 4.4460, 7.5340



169.6840, 7.2420, 11.9300



132.2830, 6.6930, 5.3570



66.8910, 1.9250, 3.6610



54.7290, 40.0140, 67.8060



3.1900, 2.5210, 3.8730



# Inverse Universe

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



133.0810, 4.4460, 7.5340



169.6840, 7.2420, 11.9300



136.8310, -7.0140, -5.0460



66.8910, 1.9250, 3.6610



54.7290, 40.0140, 67.8060

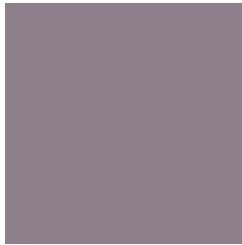


3.1900, 2.5210, 3.8730



# Previews

## White Background



This preview shows how the YIQ color 133.0810, 4.4460, 7.5340 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 133.0810, 4.4460, 7.5340 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 133.0810, 4.4460, 7.5340**

## **Background**



This preview shows how black text looks on a background with the YIQ color 133.0810, 4.4460, 7.5340.



This preview shows how white text looks on a background with the YIQ color 133.0810, 4.4460,



# 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

133.0810, 4.4460, 7.5340

### Protanopia

132.0690, -4.4480, 3.5200

### Deuteranopia

133.0700, 2.9790, 6.5870



## Tritanopia

133.3260, 5.1340, 6.0780

# Trichromacy



## Original Color

133.0810, 4.4460, 7.5340

## Protanomaly

132.5640, -1.4680, 4.5800

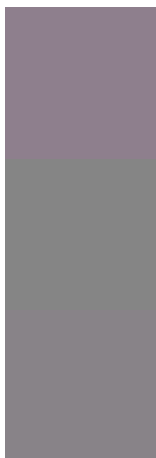
## Deuteranomaly

133.3690, 3.5750, 6.7990

## Tritanomaly

133.4400, 4.8130, 6.3890

# Monochromacy



## Original Color

133.0810, 4.4460, 7.5340

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

133.0650, 1.3750, 2.6150

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 133.0810, 4.4460, 7.5340 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(142, 127, 141)` looks like.

```
.text, #text, p{  
    color:rgb(142, 127, 141)  
}
```

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(142, 127, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 127, 141) }
```

## Border

The CSS property to change the border of an element to YIQ 133.0810, 4.4460, 7.5340 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(142, 127, 141) }
```



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

```
.border{ border-color:rgb(142, 127, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 127, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 127, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 127, 141);  
box-shadow:4px 4px 4px 4px rgb(142, 127,  
141) }
```

# Background

The CSS property to change the background color of an element to YIQ 133.0810, 4.4460, 7.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 127, 141) }
```

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

```
.background{ background-color: rgb(142,  
127, 141) }
```

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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