

# Converting Colors

YIQ(150.0810, 4.4460, 7.5340)

Have a look what the booklet for  
YIQ(150.0810, 4.4460, 7.5340)  
contains.

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# Color

**YIQ(150.0810, 4.4460,  
7.5340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F909E
RGB	159, 144, 158
RGB Percent	62%, 56%, 62%
CMY	0.3764, 0.4353, 0.3804
CMYK	0.00, 0.09, 0.01, 0.38
HSL	304°, 7%, 59%
HSV	304°, 9%, 62%
XYZ	30.4443, 29.7854, 36.4931
YIQ	150.0810, 4.4460, 7.5340

# Conversions

## Conversions Part 2

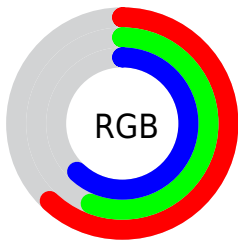
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 144, 158
Decimal	10457246
CIE Lab	61.47, 8.19, -5.36
CIE LCh	61, 9.786, 326.800
Yxy	29.7854, 0.3148, 0.3079
Android (android.graphics.Color)	4288647326 (0xFF9F909E)
YUV	150.0810, 3.9041, 7.8220
Hunter-Lab	54.5760, 4.0654, -1.4420

# Details

The YIQ color **150.0810, 4.4460, 7.5340** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152.9190, -4.4460, -7.5340**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.4940, 4.7210, 8.0570**, and **99.6680, 4.1710, 7.0110** is the 20% darker color. If you saturate the color by 10%, you get **140.5750, 9.1670, 15.5910**, and if you desaturate by 10%, it is **159.5870, -0.2750, -0.5230**.

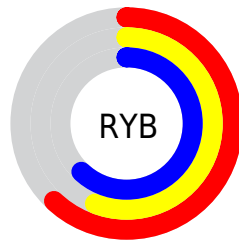
# Distribution



Red (62%)

Green (56%)

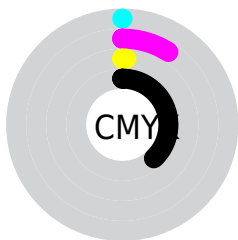
Blue (62%)



Red (62%)

Yellow (56%)

Blue (62%)

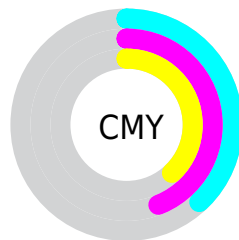


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 150.0810, 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 150.0810, 4.4460, 7.5340 by changing the saturation by 10% instead.



■ 150.0810, 4.4460,  
7.5340

■ 150.0810, 4.4460,  
7.5340

255.0000, -0.0000,  
-0.0000

■ 124.0810, 4.4460,  
7.5340

■ 204.4940, 4.7210,  
8.0570

■ 99.6680, 4.1710,  
7.0110

■ 232.4940, 4.7210,  
8.0570

■ 75.3690, 3.5750,  
6.7990

254.4130, 0.2750,  
0.5230

■ 52.8420, 3.6210,  
5.9650

■ 31.5430, 3.0250,  
5.7530

■ 7.3200, 5.2710,  
9.1030

■ 0.0000, 0.0000,

0.0000

150.0810, 4.4460,  
7.5340

150.0810, 4.4460,  
7.5340

140.5750, 9.1670,  
15.5910

159.5870, -0.2750,  
-0.5230

131.0690, 13.8880,  
23.6480

169.0930, -4.9960,  
-8.5800

121.5630, 18.6090,  
31.7050

178.5990, -9.7170,  
-16.6370

112.0570, 23.3300,  
39.7620

188.1050,  
-14.4380, -24.6940

102.5510, 28.0510,  
47.8190

197.6110,  
-19.1590, -32.7510

93.6320, 32.4970,  
55.3530

206.5300,  
-23.6050, -40.2850

■ 84.1260, 37.2180,  
63.4100

■ 216.0360,  
-28.3260, -48.3420

■ 74.5060, 42.2600,  
71.1560

■ 216.2640,  
-28.9680, -47.7200

■ 65.0000, 46.9810,  
79.2130

■ 216.3780,  
-29.2890, -47.4090

# Harmonies

## Analogous

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



149.5360, -4.2650, 5.7110



150.0810, 4.4460, 7.5340



150.3760, 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.



150.0810, 4.4460, 7.5340



148.1660, 11.0960, -2.8560



145.5680, -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.



150.0810, 4.4460, 7.5340



152.9190, -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.



146.0260, -12.0570, -7.2650



150.0810, 4.4460, 7.5340



147.1650, 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.



150.0810, 4.4460, 7.5340



149.4270, 14.8550, 0.6070



146.0330, -4.7670, -7.2230



146.6760, -16.6430, -1.2430



# Rectangle

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



150.0810, 4.4460, 7.5340



150.2900, 13.9830, 5.3990



146.0330, -4.7670, -7.2230



145.8130, -15.7710, -6.0350

# Sweetspot

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



150.0810, 4.4460, 7.5340



202.7770, 2.2460, 3.3500



146.0090, -4.2190, 4.8770



101.9510, 1.6960, 2.3040



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



150.0810, 4.4460, 7.5340



193.2710, 6.9670, 11.4070



149.2830, 6.6930, 5.3570



74.3040, 2.2000, 4.1840



57.9190, 42.5350, 71.6790



6.0810, 4.4460, 7.5340



# Inverse Universe

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



150.0810, 4.4460, 7.5340



193.2710, 6.9670, 11.4070



153.8310, -7.0140, -5.0460



74.3040, 2.2000, 4.1840



57.9190, 42.5350, 71.6790



6.0810, 4.4460, 7.5340



# Previews

## White Background



This preview shows how the YIQ color 150.0810, 4.4460, 7.5340 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

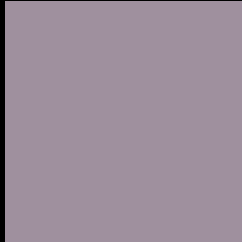
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 150.0810, 4.4460, 7.5340 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

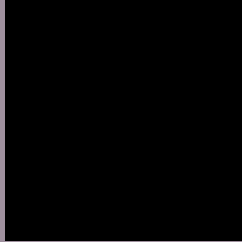
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**YIQ 150.0810, 4.4460, 7.5340**

## **Background**



This preview shows how black text looks on a background with the YIQ color 150.0810, 4.4460, 7.5340.



This preview shows how white text looks on a background with the YIQ color 150.0810, 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

150.0810, 4.4460, 7.5340

### Protanopia

149.3680, -3.8520, 3.7320

### Deuteranopia

150.0810, 4.4460, 7.5340



## Tritanopia

149.8530, 5.0880, 6.9120

# Trichromacy



## Original Color

150.0810, 4.4460, 7.5340

## Protanomaly

149.8630, -0.8720, 4.7920

## Deuteranomaly

150.0810, 4.4460, 7.5340

## Tritanomaly

149.9670, 4.7670, 7.2230

# Monochromacy



## Original Color

150.0810, 4.4460, 7.5340

## Achromatopsia

150.0000, -0.0000, -0.0000

## Achromatomaly

150.0650, 1.3750, 2.6150

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 150.0810, 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(159, 144, 158)` looks like.

```
.text, #text, p{  
    color:rgb(159, 144, 158)  
}
```

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(159, 144, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 144, 158) }
```

## Border

The CSS property to change the border of an element to YIQ 150.0810, 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(159, 144, 158) }
```



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

```
.border{ border-color:rgb(159, 144, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 144, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 144, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 144, 158);  
box-shadow:4px 4px 4px 4px rgb(159, 144,  
158) }
```

# Background

The CSS property to change the background color of an element to YIQ 150.0810, 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(159, 144, 158) }
```

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

```
.background{ background-color: rgb(159,  
144, 158) }
```

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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