

# Converting Colors

YIQ(157.4410, 12.2400, 9.4560)

Have a look what the booklet for  
YIQ(157.4410, 12.2400, 9.4560)  
contains.

<b>YIQ(157.4410, 12.2400, 9.4560)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(157.4410, 12.2400,  
9.4560)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF94A0
RGB	175, 148, 160
RGB Percent	69%, 58%, 63%
CMY	0.3137, 0.4196, 0.3725
CMYK	0.00, 0.15, 0.09, 0.31
HSL	333°, 14%, 63%
HSV	333°, 15%, 69%
XYZ	34.6175, 32.8308, 37.7747
YIQ	157.4410, 12.2400, 9.4560

# Conversions

## Conversions Part 2

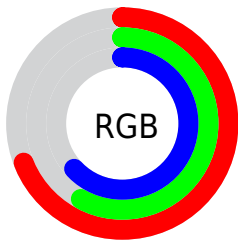
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 148, 160
Decimal	11506848
CIELab	64.02, 12.14, -2.56
CIElCh	64, 12.410, 348.091
Yxy	32.8308, 0.3290, 0.3120
Android (android.graphics.Color)	4289696928 (0xFFAF94A0)
YUV	157.4410, 1.2616, 15.3992
Hunter-Lab	57.2981, 7.5716, 1.0208

# Details

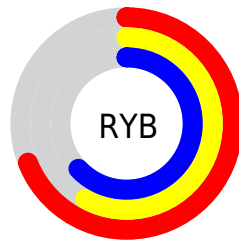
The YIQ color **157.4410, 12.2400, 9.4560** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165.5590, -12.2400, -9.4560**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **212.1530, 13.1110, 10.1910**, and **105.8430, 11.0480, 9.0320** is the 20% darker color. If you saturate the color by 10%, you get **145.7350, 20.4000, 15.7600**, and if you desaturate by 10%, it is **168.5600, 4.3550, 3.6750**.

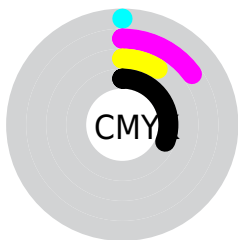
# Distribution



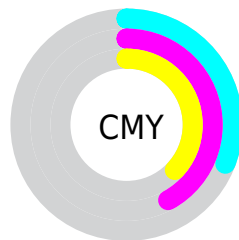
- Red (69%)
- Green (58%)
- Blue (63%)



- Red (69%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (31%)




- Cyan (31%)
- Magenta (42%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 157.4410, 12.2400, 9.4560 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 157.4410, 12.2400, 9.4560 by changing the saturation by 10% instead.





 157.4410, 12.2400,  
9.4560


 157.4410, 12.2400,  
9.4560


255.0000, -0.0000,  
-0.0000


 131.1420, 11.6440,  
9.2440


 212.1530, 13.1110,  
10.1910


 105.8430, 11.0480,  
9.0320

 238.9570, 10.7270,  
9.3430

 81.4300, 10.7730,  
8.5090

 58.7180, 9.9020,  
7.7740

 36.4190, 9.3060,  
7.5620

 14.0710, 10.4060,  
9.6540

 0.0000, 0.0000,

0.0000

■ 157.4410, 12.2400,  
9.4560

■ 157.4410, 12.2400,  
9.4560

■ 145.7350, 20.4000,  
15.7600

■ 168.5600, 4.3550,  
3.6750

■ 134.7300, 27.9640,  
21.8520

■ 180.1520, -3.4840,  
-2.9400

■ 123.0240, 36.1240,  
28.1560

■ 191.2710,  
-11.3690, -8.7210

■ 111.9050, 44.0090,  
33.9370

■ 202.9770,  
-19.5290, -15.0250

■ 100.1990, 52.1690,  
40.2410

■ 214.6830,  
-27.6890, -21.3290

■ 89.1940, 59.7330,  
46.3330

■ 225.6880,  
-35.2530, -27.4210

■ 77.4880, 67.8930,  
52.6370

■ 228.0020,  
-39.0130, -25.3570

■ 66.3690, 75.7780,  
58.4180

■ 229.1420,  
-42.2230, -22.2470

■ 61.2170, 79.2620,  
61.3580

■ 230.1680,  
-45.1120, -19.4480

# Harmonies

## Analogous

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



156.7650, 2.5200, 9.4000



157.4410, 12.2400, 9.4560



157.3830, 18.1550, 6.8830

# Triad

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



157.4410, 12.2400, 9.4560



154.3780, 7.3830, -7.1530



151.9850, -22.0070, -3.1510

# Complementary

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



157.4410, 12.2400, 9.4560



165.5590, -12.2400, -9.4560

# 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.



151.5350, -20.8600, -7.4200



157.4410, 12.2400, 9.4560



152.9360, -3.1160, -9.6120

# Square

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



157.4410, 12.2400, 9.4560



155.3190, 15.0390, -2.7290



151.3740, -13.1570, -9.3570



153.4850, -17.4230, 1.8810



# Rectangle

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



157.4410, 12.2400, 9.4560



156.8730, 19.5310, 3.9710



151.3740, -13.1570, -9.3570



151.6320, -22.5110, -5.0310

# Sweetspot

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



157.4410, 12.2400, 9.4560



219.8590, 4.9510, 3.8870



155.5630, 0.2730, 11.5770



110.4350, 3.2090, 2.4170



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000



# Same Dimension

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



157.4410, 12.2400, 9.4560



199.0230, 19.5290, 15.0250



156.6600, 15.8170, 5.2010



81.1470, 4.0800, 3.1520



52.4880, 67.8930, 52.6370



8.0170, 10.4980, 7.9860



# Inverse Universe

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



157.4410, 12.2400, 9.4560



199.0230, 19.5290, 15.0250



166.3400, -15.8170, -5.2010



81.1470, 4.0800, 3.1520



52.4880, 67.8930, 52.6370



8.0170, 10.4980, 7.9860



# Previews

## White Background



This preview shows how the YIQ color 157.4410, 12.2400, 9.4560 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

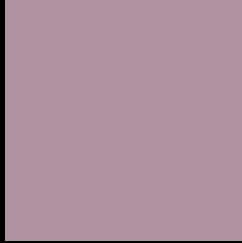
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 157.4410, 12.2400, 9.4560 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

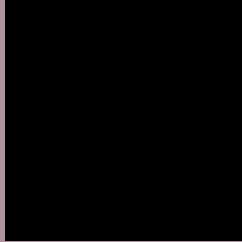
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 157.4410, 12.2400, 9.4560

## Background



This preview shows how black text looks on a background with the YIQ color 157.4410, 12.2400, 9.4560.



This preview shows how white text looks on a background with the YIQ color 157.4410, 12.2400,

9.4560.

# 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

157.4410, 12.2400, 9.4560

### Protanopia

155.7380, -2.0180, 3.5340

### Deuteranopia

157.1090, 7.2430, 6.4030



## Tritanopia

157.4410, 12.2400, 9.4560

# Trichromacy



## Original Color

157.4410, 12.2400, 9.4560

## Protanomaly

156.5430, 3.0250, 5.7530

## Deuteranomaly

157.4190, 9.3060, 7.5620

## Tritanomaly

157.4410, 12.2400, 9.4560

# Monochromacy



## Original Color

157.4410, 12.2400, 9.4560

## Achromatopsia

157.0000, 0.0000, -0.0000

## Achromatomaly

157.4460, 4.6760, 3.3640

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 157.4410, 12.2400, 9.4560 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(175, 148, 160)` looks like.

```
.text, #text, p{  
    color:rgb(175, 148, 160)  
}
```

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(175, 148, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 148, 160) }
```

## Border

The CSS property to change the border of an element to YIQ 157.4410, 12.2400, 9.4560 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(175, 148, 160) }
```



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

```
.border{ border-color:rgb(175, 148, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 148, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 148, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 148, 160);  
box-shadow:4px 4px 4px 4px rgb(175, 148,  
160) }
```

# Background

The CSS property to change the background color of an element to YIQ 157.4410, 12.2400, 9.4560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 148, 160) }
```

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

```
.background{ background-color: rgb(175,  
148, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor