

Converting Colors

YIQ(107.3580, 11.2760, 15.9160)

Have a look what the booklet for
YIQ(107.3580, 11.2760, 15.9160)
contains.

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Color

**YIQ(107.3580, 11.2760,
15.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	805E7A
RGB	128, 94, 122
RGB Percent	50%, 37%, 48%
CMY	0.4979, 0.6314, 0.5215
CMYK	0.00, 0.27, 0.05, 0.50
HSL	311°, 15%, 44%
HSV	311°, 27%, 50%
XYZ	16.4205, 13.9993, 20.2509
YIQ	107.3580, 11.2760, 15.9160

Conversions

Conversions Part 2

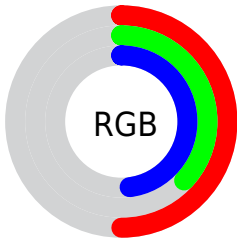
Format	Color
R _Y B	128, 94, 122
Decimal	8412794
CIE Lab	44.23, 18.85, -10.31
CIE LCh	44, 21.492, 331.318
Yxy	13.9993, 0.3241, 0.2763
Android (android.graphics.Color)	4286602874 (0xFF805E7A)
YUV	107.3580, 7.2185, 18.1030
Hunter-Lab	37.4156, 12.8605, -5.8993

Details

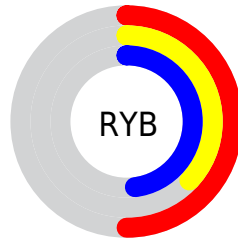
The YIQ color **107.3580, 11.2760, 15.9160** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114.6420, -11.2760, -15.9160**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0700, 12.1470, 16.6510**, and **59.2330, 10.1300, 14.6580** is the 20% darker color. If you saturate the color by 10%, you get **99.4990, 15.4930, 22.0930**, and if you desaturate by 10%, it is **115.2170, 7.0590, 9.7390**.

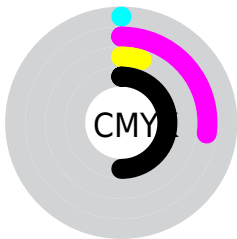
Distribution



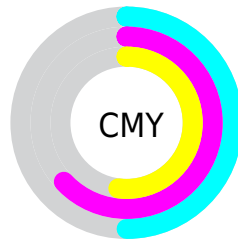
- Red (50%)
- Green (37%)
- Blue (48%)



- Red (50%)
- Yellow (37%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (50%)



- Cyan (50%)
- Magenta (63%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.3580, 11.2760, 15.9160 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 107.3580, 11.2760, 15.9160 by changing the saturation by 10% instead.

■ 107.3580, 11.2760,
15.9160

■ 107.3580, 11.2760,
15.9160

■ 255.0000, -0.0000,
-0.0000

■ 82.9450, 11.0010,
15.3930

■ 159.0700, 12.1470,
16.6510

■ 59.2330, 10.1300,
14.6580

■ 185.8960, 12.6970,
17.6970

■ 37.5210, 9.2590,
13.9230

■ 213.8960, 12.6970,
17.6970

■ 14.7600, 10.0840,
15.4920

■ 238.5640, 7.7000,
14.6440

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

107.3580, 11.2760,
15.9160

107.3580, 11.2760,
15.9160

99.4990, 15.4930,
22.0930

115.2170, 7.0590,
9.7390

91.5260, 20.0310,
27.9590

123.1900, 2.5210,
3.8730

84.2540, 23.9730,
33.6130

130.4620, -1.4210,
-1.7810

76.3950, 28.1900,
39.7900

138.3210, -5.6380,
-7.9580

68.5360, 32.4070,
45.9670

146.1800, -9.8550,
-14.1350

60.5630, 36.9450,
51.8330

154.1530,
-14.3930, -20.0010

52.7040, 41.1620,
58.0100


162.0120,
-18.6100, -26.1780

50.2420, 42.5830,

169.2840,

59.7910

-22.5520, -31.8320

 177.1430,
-26.7690, -38.0090

Harmonies

Analogous

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



106.3820, -6.4670, 12.5810



107.3580, 11.2760, 15.9160



106.8340, 24.4350, 14.2190

Triad

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



107.3580, 11.2760, 15.9160



103.5980, 18.3870, -8.3410



94.5800, -43.0960, -11.9280

Complementary

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



107.3580, 11.2760, 15.9160



114.6420, -11.2760, -15.9160

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.



95.9310, -31.0830, -14.8830



107.3580, 11.2760, 15.9160



101.4220, 4.0830, -13.4290

Square

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



107.3580, 11.2760, 15.9160



105.1310, 27.3720, -0.4680



98.9730, -13.7060, -15.9300



97.5900, -39.8880, -3.9840

Rectangle

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



107.3580, 11.2760, 15.9160



106.3520, 28.6080, 10.1760



98.9730, -13.7060, -15.9300



94.6080, -40.2990, -13.0590

Sweetspot

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



107.3580, 11.2760, 15.9160



157.4400, 4.8130, 6.3890



99.6700, -7.3380, 11.8460



79.1900, 2.5210, 3.8730



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



107.3580, 11.2760, 15.9160



133.7490, 17.7850, 24.6090



105.4200, 16.7330, 10.6290



59.7770, 2.2460, 3.3500



50.2420, 42.5830, 59.7910



0.0000, 0.0000, 0.0000

Inverse Universe

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



107.3580, 11.2760, 15.9160



133.7490, 17.7850, 24.6090



116.5800, -16.7330, -10.6290



59.7770, 2.2460, 3.3500



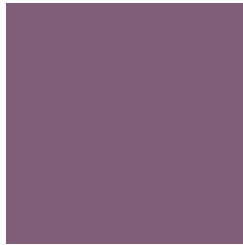
50.2420, 42.5830, 59.7910



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 107.3580, 11.2760, 15.9160 looks on a white background.

Color Contrast Check

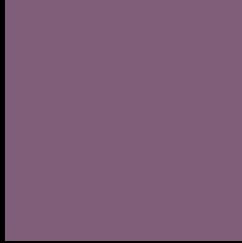
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.3580, 11.2760, 15.9160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

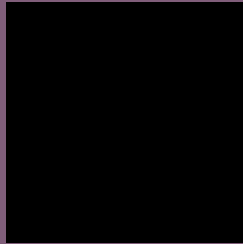
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.3580, 11.2760, 15.9160

Background



This preview shows how black text looks on a background with the YIQ color 107.3580, 11.2760, 15.9160.



This preview shows how white text looks on a background with the YIQ color 107.3580, 11.2760,

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

107.3580, 11.2760, 15.9160

Protanopia

105.3550, -11.0050, 6.7150

Deuteranopia

105.8460, -2.2020, 6.8700



Tritanopia

106.5830, 14.7160, 8.6360

Trichromacy



Original Color

107.3580, 11.2760, 15.9160

Protanomaly

105.9540, -2.3860, 10.2060

Deuteranomaly

106.2920, 2.4740, 10.2340

Tritanomaly

106.9790, 13.6610, 11.2370

Monochromacy



Original Color

107.3580, 11.2760, 15.9160

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.0270, 4.5380, 5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.3580, 11.2760, 15.9160 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(128, 94, 122)` looks like.

```
.text, #text, p{  
    color:rgb(128, 94, 122)  
}
```

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(128, 94, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 94, 122) }
```

Border

The CSS property to change the border of an element to YIQ 107.3580, 11.2760, 15.9160 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(128, 94, 122) }
```


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

```
.border{ border-color:rgb(128, 94, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 94, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 94, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 94, 122);  
box-shadow:4px 4px 4px 4px rgb(128, 94,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 107.3580, 11.2760, 15.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 94, 122) }
```

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

```
.background{ background-color: rgb(128, 94,  
122) }
```

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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