

Converting Colors

YIQ(109.7750, 14.8960, 27.4080)

Have a look what the booklet for
YIQ(109.7750, 14.8960, 27.4080)
contains.

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Color

**YIQ(109.7750, 14.8960,
27.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	8D588C
RGB	141, 88, 140
RGB Percent	55%, 35%, 55%
CMY	0.4469, 0.6550, 0.4510
CMYK	0.00, 0.38, 0.01, 0.45
HSL	301°, 23%, 45%
HSV	301°, 38%, 55%
XYZ	19.2133, 14.5357, 26.6058
YIQ	109.7750, 14.8960, 27.4080

Conversions

Conversions Part 2

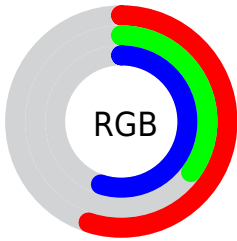
Format	Color
R_{YB}	141, 88, 140
Decimal	9263244
CIE _{Lab}	44.99, 30.55, -19.88
CIE _{LCh}	45, 36.447, 326.948
Yxy	14.5357, 0.3183, 0.2408
Android (android.graphics.Color)	4287453324 (0xFF8D588C)
YUV	109.7750, 14.9009, 27.3843
Hunter-Lab	38.1257, 23.2344, -14.6873

Details

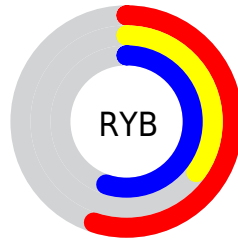
The YIQ color **109.7750, 14.8960, 27.4080** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **119.2250, -14.8960, -27.4080**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3130, 16.3170, 29.1890**, and **60.3510, 13.1540, 25.9380** is the 20% darker color. If you saturate the color by 10%, you get **101.5570, 18.7460, 34.7300**, and if you desaturate by 10%, it is **117.9930, 11.0460, 20.0860**.

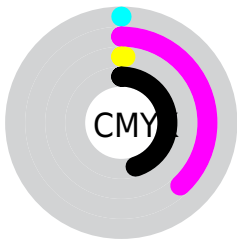
Distribution



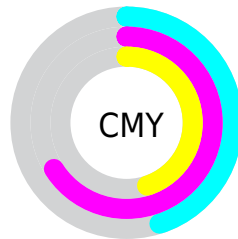
- Red (55%)
- Green (35%)
- Blue (55%)



- Red (55%)
- Yellow (35%)
- Blue (55%)



- Cyan (0%)
- Magenta (38%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (66%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.7750, 14.8960, 27.4080 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 109.7750, 14.8960, 27.4080 by changing the saturation by 10% instead.

■ 109.7750, 14.8960,
27.4080

■ 109.7750, 14.8960,
27.4080

■ 255.0000, -0.0000,
-0.0000

■ 84.9490, 14.3460,
26.3620

■ 162.3130, 16.3170,
29.1890

■ 60.6500, 13.7500,
26.1500

■ 189.7260, 16.5920,
29.7120

■ 36.9380, 12.8790,
25.4150

■ 217.4380, 17.4630,
30.4470

■ 17.5740, 10.9080,
22.5880

■ 235.0420, 9.3500,
17.7820

■ 5.6120, -1.4230,
9.2730

■ 252.0650, 1.3750,
2.6150

■ 0.0000, 0.0000,
0.0000

109.7750, 14.8960,
27.4080

109.7750, 14.8960,
27.4080

101.5570, 18.7460,
34.7300

117.9930, 11.0460,
20.0860

93.2250, 22.9170,
41.7410

126.3250, 6.8750,
13.0750

85.0070, 26.7670,
49.0630

134.5430, 3.0250,
5.7530

76.7890, 30.6170,
56.3850

142.7610, -0.8250,
-1.5690

67.9840, 34.7420,
64.2300

151.5660, -4.9500,
-9.4140

59.6520, 38.9130,
71.2410


159.8980, -9.1210,
-16.4250

57.8910, 39.7380,
72.8100

168.1160,
-12.9710, -23.7470

176.3340,

-16.8210, -31.0690

 184.5520,
-20.6710, -38.3910

Harmonies

Analogous

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



108.1500, -17.1970, 19.8190



109.7750, 14.8960, 27.4080



108.0410, 37.4540, 26.0780

Triad

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



109.7750, 14.8960, 27.4080



104.0370, 32.9680, -13.7840



86.1890, -75.9680, -21.9200

Complementary

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



109.7750, 14.8960, 27.4080



119.2250, -14.8960, -27.4080

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.



83.2420, -66.2920, -32.0840



109.7750, 14.8960, 27.4080



101.0340, 10.6870, -22.9850

Square

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



109.7750, 14.8960, 27.4080



105.8250, 45.8490, 0.5770



95.7020, -20.6730, -27.3370



87.1640, -82.8470, -12.8870

Rectangle

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



109.7750, 14.8960, 27.4080



106.8430, 46.5790, 20.3950



95.7020, -20.6730, -27.3370



85.6360, -73.0330, -25.5530

Sweetspot

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



109.7750, 14.8960, 27.4080



171.5590, 6.0960, 10.6720



94.3410, -16.4170, 16.6950



84.9560, 3.3000, 6.2760



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.



109.7750, 14.8960, 27.4080



135.0510, 23.4670, 42.7870



106.8110, 23.2420, 19.3220



66.8910, 1.9250, 3.6610



55.5270, 37.7670, 69.9830



3.3040, 2.2000, 4.1840

Inverse Universe

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



109.7750, 14.8960, 27.4080



135.0510, 23.4670, 42.7870



122.1890, -23.2420, -19.3220



66.8910, 1.9250, 3.6610



55.5270, 37.7670, 69.9830



3.3040, 2.2000, 4.1840

Previews

White Background



This preview shows how the YIQ color 109.7750, 14.8960, 27.4080 looks on a white background.

Color Contrast Check

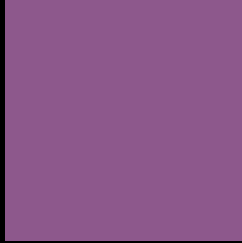
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.7750, 14.8960, 27.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

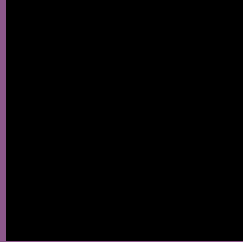
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.7750, 14.8960, 27.4080

Background



This preview shows how black text looks on a background with the YIQ color 109.7750, 14.8960, 27.4080.



This preview shows how white text looks on a background with the YIQ color 109.7750, 14.8960,

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

109.7750, 14.8960, 27.4080

Protanopia

106.5850, -23.1560, 12.1720

Deuteranopia

107.4520, -12.6560, 9.1040



Tritanopia

108.7580, 21.5930, 10.6570

Trichromacy



Original Color

109.7750, 14.8960, 27.4080

Protanomaly

107.8750, -9.1730, 17.5710

Deuteranomaly

108.5290, -2.3870, 15.7330

Tritanomaly

109.0770, 19.4370, 16.6930

Monochromacy



Original Color

109.7750, 14.8960, 27.4080

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8470, 5.2250, 9.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.7750, 14.8960, 27.4080 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(141, 88, 140)` looks like.

```
.text, #text, p{  
    color:rgb(141, 88, 140)  
}
```

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(141, 88, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 88, 140) }
```

Border

The CSS property to change the border of an element to YIQ 109.7750, 14.8960, 27.4080 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(141, 88, 140) }
```


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

```
.border{ border-color:rgb(141, 88, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 88, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 88, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 88, 140);  
box-shadow:4px 4px 4px 4px rgb(141, 88,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 109.7750, 14.8960, 27.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 88, 140) }
```

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

```
.background{ background-color: rgb(141, 88,  
140) }
```

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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