

Converting Colors

YIQ(158.7750, 14.8960, 27.4080)

Have a look what the booklet for
YIQ(158.7750, 14.8960, 27.4080)
contains.

YIQ(158.7750, 14.8960, 27.4080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(158.7750, 14.8960,
27.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	BE89BD
RGB	190, 137, 189
RGB Percent	75%, 54%, 74%
CMY	0.2547, 0.4628, 0.2588
CMYK	0.00, 0.28, 0.01, 0.25
HSL	301°, 29%, 64%
HSV	301°, 28%, 75%
XYZ	39.3736, 32.5117, 52.3470
YIQ	158.7750, 14.8960, 27.4080

Conversions

Conversions Part 2

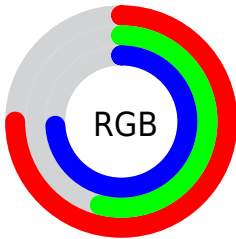
Format	Color
RYB	190, 137, 189
Decimal	12487101
CIELab	63.76, 28.92, -19.15
CIELCh	64, 34.688, 326.482
Yxy	32.5117, 0.3169, 0.2617
Android (android.graphics.Color)	4290677181 (0xFFBE89BD)
YUV	158.7750, 14.9009, 27.3843
Hunter-Lab	57.0190, 23.4772, -14.5186

Details

The YIQ color **158.7750, 14.8960, 27.4080** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168.2250, -14.8960, -27.4080**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9000, 16.0420, 28.6660**, and **106.6500, 13.7500, 26.1500** is the 20% darker color. If you saturate the color by 10%, you get **147.6220, 20.1210, 37.3450**, and if you desaturate by 10%, it is **169.9280, 9.6710, 17.4710**.

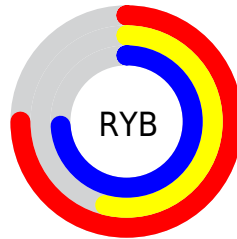
Distribution



Red (75%)

Green (54%)

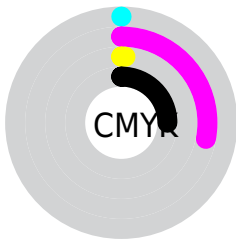
Blue (74%)



Red (75%)

Yellow (54%)

Blue (74%)

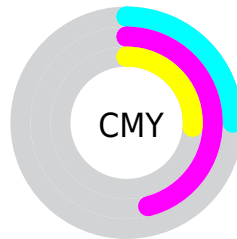


Cyan (0%)

Magenta (28%)

Yellow (1%)

Black (25%)



Cyan (25%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.7750, 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 158.7750, 14.8960, 27.4080 by changing the saturation by 10% instead.

■ 158.7750, 14.8960,
27.4080

■ 158.7750, 14.8960,
27.4080

■ 255.0000, -0.0000,
-0.0000

■ 132.3620, 14.6210,
26.8850

■ 213.9000, 16.0420,
28.6660

■ 106.6500, 13.7500,
26.1500

■ 233.8680, 9.9000,
18.8280

■ 81.8240, 13.2000,
25.1040

■ 250.8910, 1.9250,
3.6610

■ 58.1120, 12.3290,
24.3690

■ 34.6990, 12.0540,
23.8460

■ 16.2210, 10.4040,
20.7080

■ 2.0520, -5.7780,

5.5980

■ 0.0000, 0.0000,
0.0000

■ 158.7750, 14.8960,
27.4080

■ 158.7750, 14.8960,
27.4080

■ 147.6220, 20.1210,
37.3450

■ 169.9280, 9.6710,
17.4710

■ 136.3550, 25.6670,
46.9710

■ 181.1950, 4.1250,
7.8450

■ 125.2020, 30.8920,
56.9080

■ 192.3480, -1.1000,
-2.0920

■ 114.0490, 36.1170,
66.8450

■ 203.5010, -6.3250,
-12.0290

■ 102.7820, 41.6630,
76.4710

■ 214.7680,
-11.8710, -21.6550

■ 91.6290, 46.8880,
86.4080

■ 225.9210,
-17.0960, -31.5920

■ 80.3620, 52.4340,
96.0340

■ 228.3830,
-18.5170, -33.3730

■ 78.0140, 53.5340,
98.1260

Harmonies

Analogous

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



156.5630, -16.9220, 20.3420



158.7750, 14.8960, 27.4080



158.1120, 38.6920, 25.6680

Triad

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



158.7750, 14.8960, 27.4080



152.3470, 35.0310, -12.6250



129.0840, -89.0340, -27.4180

Complementary

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



158.7750, 14.8960, 27.4080



168.2250, -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.



138.1080, -54.0510, -28.1550



158.7750, 14.8960, 27.4080



149.6320, 11.8790, -22.5610

Square

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



158.7750, 14.8960, 27.4080



155.0210, 48.2330, 1.4250



145.0720, -18.8390, -27.5350



135.4630, -82.2510, -12.6750

Rectangle

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



158.7750, 14.8960, 27.4080



156.9140, 47.8170, 19.9850



145.0720, -18.8390, -27.5350



131.8310, -78.0760, -27.7720

Sweetspot

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



158.7750, 14.8960, 27.4080



235.8470, 5.2250, 9.9370



143.3410, -16.4170, 16.6950



117.3690, 3.5750, 6.7990



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



158.7750, 14.8960, 27.4080



197.5780, 23.4210, 43.6210



155.8110, 23.2420, 19.3220



88.7170, 2.4750, 4.7070



64.9120, 44.4130, 81.7010



12.6890, 8.8460, 15.9020

Inverse Universe

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



158.7750, 14.8960, 27.4080



197.5780, 23.4210, 43.6210



171.1890, -23.2420, -19.3220



88.7170, 2.4750, 4.7070



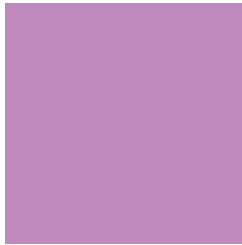
64.9120, 44.4130, 81.7010



12.6890, 8.8460, 15.9020

Previews

White Background



This preview shows how the YIQ color 158.7750, 14.8960, 27.4080 looks on a white background.

Color Contrast Check

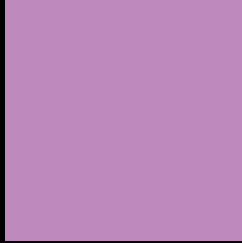
Large Text (above 18pt) WCAG AA × Fail

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 158.7750, 14.8960, 27.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

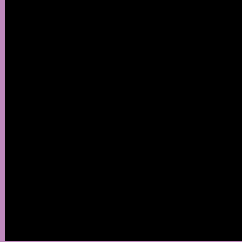
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.7750, 14.8960, 27.4080

Background



This preview shows how black text looks on a background with the YIQ color 158.7750, 14.8960, 27.4080.



This preview shows how white text looks on a background with the YIQ color 158.7750, 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

158.7750, 14.8960, 27.4080

Protanopia

155.0690, -21.6430, 12.2850

Deuteranopia

155.8870, -9.4470, 11.5210



Tritanopia

156.9260, 21.1800, 12.6360

Trichromacy



Original Color

158.7750, 14.8960, 27.4080

Protanomaly

156.1740, -8.5770, 17.7830

Deuteranomaly

156.9530, -0.6450, 17.2030

Tritanomaly

157.7180, 19.0700, 17.8380

Monochromacy



Original Color

158.7750, 14.8960, 27.4080

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.8470, 5.2250, 9.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.7750, 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(190, 137, 189)` looks like.

```
.text, #text, p{  
    color:rgb(190, 137, 189)  
}
```

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(190, 137, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 137, 189) }
```

Border

The CSS property to change the border of an element to YIQ 158.7750, 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(190, 137, 189) }
```


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

```
.border{ border-color:rgb(190, 137, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 137, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 137, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 137, 189);  
box-shadow:4px 4px 4px 4px rgb(190, 137,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 158.7750, 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(190, 137, 189) }
```

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

```
.background{ background-color: rgb(190,  
137, 189) }
```

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