

Converting Colors

YIQ(157.4550, 35.9880, 19.6040)

Have a look what the booklet for
YIQ(157.4550, 35.9880, 19.6040)
contains.

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Color

**YIQ(157.4550, 35.9880,
19.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8797
RGB	204, 135, 151
RGB Percent	80%, 53%, 59%
CMY	0.1998, 0.4707, 0.4077
CMYK	0.00, 0.34, 0.26, 0.20
HSL	346°, 40%, 66%
HSV	346°, 34%, 80%
XYZ	39.1626, 32.3990, 33.4819
YIQ	157.4550, 35.9880, 19.6040

Conversions

Conversions Part 2

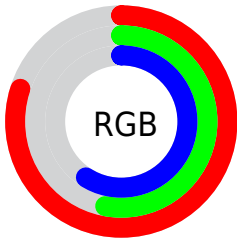
Format	Color
R_{YB}	204, 135, 151
Decimal	13404055
CIE _{Lab}	63.67, 28.65, 2.37
CIE _{LCh}	64, 28.748, 4.730
Yxy	32.3990, 0.3728, 0.3084
Android (android.graphics.Color)	4291594135 (0xFFCC8797)
YUV	157.4550, -3.1823, 40.8200
Hunter-Lab	56.9201, 23.2027, 4.9682

Details

The YIQ color **157.4550, 35.9880, 19.6040** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.5450, -35.9880, -19.6040**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **210.5580, 34.2000, 18.9680**, and **104.9600, 33.0080, 18.5440** is the 20% darker color. If you saturate the color by 10%, you get **143.8910, 46.6240, 25.0880**, and if you desaturate by 10%, it is **171.0190, 25.3520, 14.1200**.

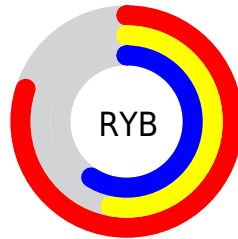
Distribution



Red (80%)

Green (53%)

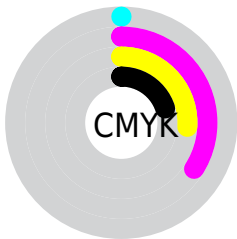
Blue (59%)



Red (80%)

Yellow (53%)

Blue (59%)

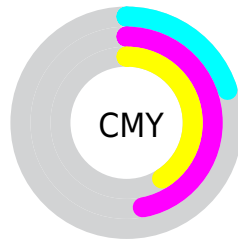


Cyan (0%)

Magenta (34%)

Yellow (26%)

Black (20%)



Cyan (20%)


Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.4550, 35.9880, 19.6040 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 157.4550, 35.9880, 19.6040 by changing the saturation by 10% instead.

 157.4550, 35.9880,
19.6040


 157.4550, 35.9880,
19.6040


255.0000, -0.0000,
-0.0000


 130.8570, 34.7960,
19.1800


 210.5580, 34.2000,
18.9680


 104.9600, 33.0080,
18.5440


 230.1860, 17.5120,
13.0320

 80.0630, 31.2200,
17.9080

 249.7170, 2.4750,
4.7070

 55.6930, 29.3860,
18.1060

 31.7360, 27.8270,
18.8270

 15.0790, 25.1230,
12.7630

 1.1960, 2.3840,

0.8480

0.0000, 0.0000,
0.0000

157.4550, 35.9880,
19.6040

157.4550, 35.9880,
19.6040

143.8910, 46.6240,
25.0880

171.0190, 25.3520,
14.1200

129.8540, 57.2140,
31.4060

185.0560, 14.7620,
7.8020

116.2900, 67.8500,
36.8900

198.6200, 4.1260,
2.3180

102.1390, 78.7610,
42.8970

212.7710, -6.7850,
-3.6890

88.6890, 89.0760,
48.6920

226.2210,
-17.1000, -9.4840

■ 75.1250, 99.7120,
54.1760

■ 238.6110,
-27.1860, -13.9220

■ 66.3540, 106.4970,
57.8650

■ 239.7510,
-30.3960, -10.8120

Harmonies

Analogous

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



157.9940, 18.4730, 23.1530



157.4550, 35.9880, 19.6040



156.0670, 42.5920, 10.0480

Triad

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



157.4550, 35.9880, 19.6040



149.0210, 3.5340, -20.0020



145.0920, -55.9810, -4.1810

Complementary

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



157.4550, 35.9880, 19.6040



181.5450, -35.9880, -19.6040

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.



139.7070, -62.6270, -15.8990



157.4550, 35.9880, 19.6040



145.3800, -22.4620, -22.4460

Square

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



157.4550, 35.9880, 19.6040



152.3720, 24.7150, -12.8930



141.1460, -48.0460, -21.3420



152.0290, -33.3340, 9.4020

Rectangle

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



157.4550, 35.9880, 19.6040



154.8400, 41.4930, 2.4290



141.1460, -48.0460, -21.3420



143.0050, -60.2900, -8.6900

Sweetspot

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



157.4550, 35.9880, 19.6040



238.0450, 13.2950, 6.8550



158.7130, 9.4390, 32.6950



117.2400, 8.2520, 4.6360



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



157.4550, 35.9880, 19.6040



184.2450, 54.5550, 30.0350



166.1970, 36.1740, 5.2140



95.2180, 5.3180, 2.7420



54.0800, 86.4170, 47.3210



12.3880, 19.7590, 10.8550

Inverse Universe

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



157.4550, 35.9880, 19.6040



184.2450, 54.5550, 30.0350



172.8030, -36.1740, -5.2140



95.2180, 5.3180, 2.7420



54.0800, 86.4170, 47.3210



12.3880, 19.7590, 10.8550

Previews

White Background



This preview shows how the YIQ color 157.4550, 35.9880, 19.6040 looks on a white background.

Color Contrast Check

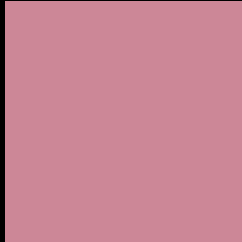
Large Text (above 18pt) WCAG AA × Fail

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 157.4550, 35.9880, 19.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

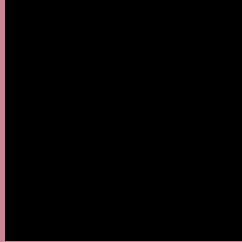
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.4550, 35.9880, 19.6040

Background



This preview shows how black text looks on a background with the YIQ color 157.4550, 35.9880, 19.6040.



This preview shows how white text looks on a background with the YIQ color 157.4550, 35.9880,

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

157.4550, 35.9880, 19.6040

Protanopia

155.2110, -1.9720, 2.7000

Deuteranopia

155.7630, 14.0290, 4.5650



Tritanopia

157.4720, 37.3180, 17.5260

Trichromacy



Original Color

157.4550, 35.9880, 19.6040

Protanomaly

156.0280, 11.9650, 8.9330

Deuteranomaly

156.5300, 22.2350, 10.0350

Tritanomaly

157.7000, 36.6760, 18.1480

Monochromacy



Original Color

157.4550, 35.9880, 19.6040

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.1590, 12.9740, 7.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.4550, 35.9880, 19.6040 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(204, 135, 151)` looks like.

```
.text, #text, p{  
    color:rgb(204, 135, 151)  
}
```

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(204, 135, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 135, 151) }
```

Border

The CSS property to change the border of an element to YIQ 157.4550, 35.9880, 19.6040 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(204, 135, 151) }
```


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

```
.border{ border-color:rgb(204, 135, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 135, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 135, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 135, 151);  
box-shadow:4px 4px 4px 4px rgb(204, 135,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 157.4550, 35.9880, 19.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 135, 151) }
```

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

```
.background{ background-color: rgb(204,  
135, 151) }
```

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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