

Converting Colors

YIQ(109.5800, 10.7710, 19.5630)

Have a look what the booklet for
YIQ(109.5800, 10.7710, 19.5630)
contains.

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Color

**YIQ(109.5800, 10.7710,
19.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	845E83
RGB	132, 94, 131
RGB Percent	52%, 37%, 51%
CMY	0.4822, 0.6314, 0.4863
CMYK	0.00, 0.29, 0.01, 0.48
HSL	302°, 17%, 44%
HSV	302°, 29%, 52%
XYZ	17.6185, 14.5492, 23.3537
YIQ	109.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

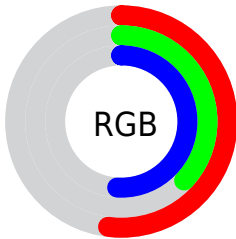
Format	Color
R_{YB}	132, 94, 131
Decimal	8674947
CIE _{Lab}	45.01, 22.11, -14.53
CIE _{LCh}	45, 26.458, 326.695
Yxy	14.5492, 0.3173, 0.2620
Android (android.graphics.Color)	4286865027 (0xFF845E83)
YUV	109.5800, 10.5601, 19.6623
Hunter-Lab	38.1435, 15.6983, -9.6004

Details

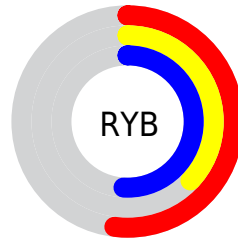
The YIQ color **109.5800, 10.7710, 19.5630** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **116.4200, -10.7710, -19.5630**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7050, 11.9170, 20.8210**, and **61.4550, 9.6250, 18.3050** is the 20% darker color. If you saturate the color by 10%, you get **101.9490, 14.3460, 26.3620**, and if you desaturate by 10%, it is **117.2110, 7.1960, 12.7640**.

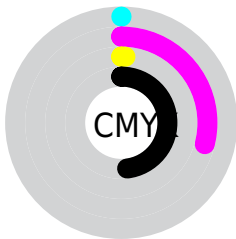
Distribution



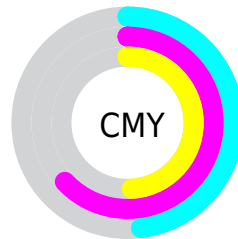
- Red (52%)
- Green (37%)
- Blue (51%)



- Red (52%)
- Yellow (37%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (48%)



- Cyan (48%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.5800, 10.7710, 19.5630 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 109.5800, 10.7710, 19.5630 by changing the saturation by 10% instead.

■ 109.5800, 10.7710,
19.5630

■ 109.5800, 10.7710,
19.5630

■ 255.0000, -0.0000,
-0.0000

■ 84.8680, 9.9000,
18.8280

■ 161.7050, 11.9170,
20.8210

■ 61.4550, 9.6250,
18.3050

■ 189.1180, 12.1920,
21.3440

■ 38.6290, 9.0750,
17.2590

■ 216.5310, 12.4670,
21.8670

■ 16.1560, 9.0290,
18.0930

■ 238.5640, 7.7000,
14.6440

■ 1.5960, -4.4940,
4.3540

■ 0.0000, 0.0000,
0.0000

109.5800, 10.7710,
19.5630

109.5800, 10.7710,
19.5630

101.9490, 14.3460,
26.3620

117.2110, 7.1960,
12.7640

94.2040, 18.2420,
32.8500

124.9560, 3.3000,
6.2760

85.9860, 22.0920,
40.1720

133.1740, -0.5500,
-1.0460

78.3550, 25.6670,
46.9710

140.8050, -4.1250,
-7.8450

70.6100, 29.5630,
53.4590

148.5500, -8.0210,
-14.3330

62.9790, 33.1380,
60.2580

156.1810,
-11.5960, -21.1320

55.3480, 36.7130,
67.0570


163.8120,
-15.1710, -27.9310

54.0600, 37.5840,

172.1440,

67.7920

-19.3420, -34.9420

 179.7750,
-22.9170, -41.7410

Harmonies

Analogous

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



108.2120, -11.7400, 14.5320



109.5800, 10.7710, 19.5630



109.3230, 27.5520, 18.3040

Triad

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



109.5800, 10.7710, 19.5630



104.8930, 24.8060, -9.0340



88.4140, -63.3600, -19.1360

Complementary

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



109.5800, 10.7710, 19.5630



116.4200, -10.7710, -19.5630

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.



94.7620, -38.0970, -19.9290



109.5800, 10.7710, 19.5630



102.8800, 8.4850, -16.1150

Square

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



109.5800, 10.7710, 19.5630



106.7790, 34.2950, 0.7190



99.8650, -13.5220, -19.2660



93.3750, -58.4560, -8.8880

Rectangle

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



109.5800, 10.7710, 19.5630



108.5100, 34.1550, 14.2750



99.8650, -13.5220, -19.2660



90.1930, -55.4280, -19.7160

Sweetspot

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



109.5800, 10.7710, 19.5630



161.4940, 4.7210, 8.0570



98.6310, -11.6020, 12.0300



81.0160, 3.0710, 4.9190



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



109.5800, 10.7710, 19.5630



135.5520, 17.1420, 30.7580



107.4140, 16.8700, 13.6540



62.4780, 1.6500, 3.1380



53.3480, 36.7130, 67.0570



1.1250, 1.1460, 1.2580

Inverse Universe

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



109.5800, 10.7710, 19.5630



135.5520, 17.1420, 30.7580



118.5860, -16.8700, -13.6540



62.4780, 1.6500, 3.1380



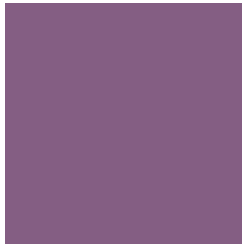
53.3480, 36.7130, 67.0570



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 109.5800, 10.7710, 19.5630 looks on a white background.

Color Contrast Check

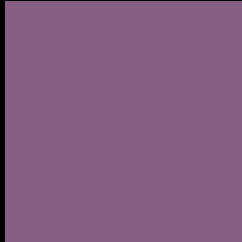
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.5800, 10.7710, 19.5630 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 109.5800, 10.7710, 19.5630

Background



This preview shows how black text looks on a background with the YIQ color 109.5800, 10.7710, 19.5630.



This preview shows how white text looks on a background with the YIQ color 109.5800, 10.7710,

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

109.5800, 10.7710, 19.5630

Protanopia

107.3700, -15.3610, 8.5670

Deuteranopia

107.4480, -6.8330, 8.1990



Tritanopia

108.7680, 15.6330, 8.5370

Trichromacy



Original Color

109.5800, 10.7710, 19.5630

Protanomaly

108.2680, -6.1460, 12.2700

Deuteranomaly

107.9050, -0.6900, 12.5100

Tritanomaly

108.9190, 13.8900, 12.5940

Monochromacy



Original Color

109.5800, 10.7710, 19.5630

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.5800, 10.7710, 19.5630 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(132, 94, 131)` looks like.

```
.text, #text, p{  
    color:rgb(132, 94, 131)  
}
```

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(132, 94, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 94, 131) }
```

Border

The CSS property to change the border of an element to YIQ 109.5800, 10.7710, 19.5630 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(132, 94, 131) }
```


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

```
.border{ border-color:rgb(132, 94, 131) }
```

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

Here you see how a box with a 4 pixel rgb(132, 94, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 94, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 94, 131);  
box-shadow:4px 4px 4px 4px rgb(132, 94,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 109.5800, 10.7710, 19.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 94, 131) }
```

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

```
.background{ background-color: rgb(132, 94,  
131) }
```

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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