

Converting Colors

YIQ(156.5870, 18.0610, 19.6050)

Have a look what the booklet for
YIQ(156.5870, 18.0610, 19.6050)
contains.

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Color

**YIQ(156.5870, 18.0610,
19.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8BAA
RGB	186, 139, 170
RGB Percent	73%, 55%, 67%
CMY	0.2705, 0.4550, 0.3333
CMYK	0.00, 0.25, 0.09, 0.27
HSL	320°, 25%, 64%
HSV	320°, 25%, 73%
XYZ	36.7444, 31.8056, 42.2387
YIQ	156.5870, 18.0610, 19.6050

Conversions

Conversions Part 2

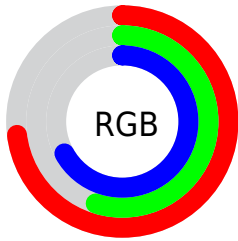
Format	Color
R _Y B	186, 139, 170
Decimal	12225450
CIE Lab	63.18, 22.94, -9.34
CIE LCh	63, 24.769, 337.839
Yxy	31.8056, 0.3317, 0.2871
Android (android.graphics.Color)	4290415530 (0xFFBA8BAA)
YUV	156.5870, 6.6126, 25.7952
Hunter-Lab	56.3964, 17.6059, -4.9284

Details

The YIQ color **156.5870, 18.0610, 19.6050** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168.4130, -18.0610, -19.6050**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.5980, 19.5280, 20.5520**, and **104.5760, 16.5940, 18.6580** is the 20% darker color. If you saturate the color by 10%, you get **144.7500, 25.2120, 27.6760**, and if you desaturate by 10%, it is **168.4240, 10.9100, 11.5340**.

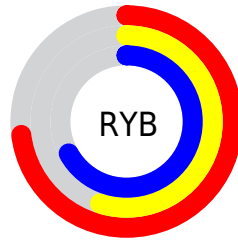
Distribution



Red (73%)

Green (55%)

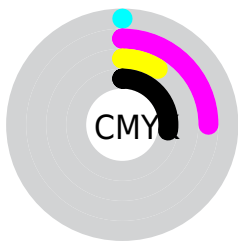
Blue (67%)



Red (73%)

Yellow (55%)

Blue (67%)

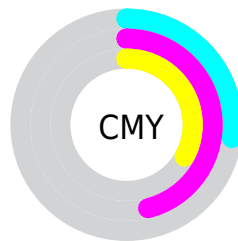


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (46%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.5870, 18.0610, 19.6050 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 156.5870, 18.0610, 19.6050 by changing the saturation by 10% instead.

 156.5870, 18.0610,
19.6050


 156.5870, 18.0610,
19.6050


255.0000, -0.0000,
-0.0000


 130.2880, 17.4650,
19.3930


 211.5980, 19.5280,
20.5520


 104.5760, 16.5940,
18.6580


 234.9280, 9.6710,
17.4710

 80.7500, 16.0440,
17.6120

 252.0650, 1.3750,
2.6150

 57.1520, 14.8520,
17.1880

 34.4400, 13.9810,
16.4530

 14.1410, 13.3850,
16.2410

 0.0000, 0.0000,

0.0000

156.5870, 18.0610,
19.6050

156.5870, 18.0610,
19.6050

144.7500, 25.2120,
27.6760

168.4240, 10.9100,
11.5340

133.3860, 32.4090,
34.9130

179.7880, 3.7130,
4.2970

121.5490, 39.5600,
42.9840

191.6250, -3.4380,
-3.7740

110.2990, 46.4360,
50.5320

202.8750,
-10.3140, -11.3220

98.3480, 53.9080,
58.2920

214.8260,
-17.7860, -19.0820

86.5110, 61.0590,
66.3630

226.6630,
-24.9370, -27.1530

■ 75.2610, 67.9350,
73.9110

■ 229.6950,
-27.9630, -27.3790

■ 69.6360, 71.3730,
77.6850

■ 230.4930,
-30.2100, -25.2020

■ 231.1770,
-32.1360, -23.3360

Harmonies

Analogous

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



155.5830, -2.4790, 17.4010



156.5870, 18.0610, 19.6050



156.1940, 32.2290, 16.1410

Triad

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



156.5870, 18.0610, 19.6050



150.9740, 20.0840, -11.5640



142.6870, -50.7070, -11.6590

Complementary

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



156.5870, 18.0610, 19.6050



168.4130, -18.0610, -19.6050

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.



142.6740, -40.6650, -17.4410



156.5870, 18.0610, 19.6050



148.9330, 0.9660, -17.5140

Square

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



156.5870, 18.0610, 19.6050



153.3010, 32.6450, -2.4190



145.5590, -21.4080, -19.5200



147.0180, -43.9690, -1.6090

Rectangle

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



156.5870, 18.0610, 19.6050



155.0710, 36.7690, 10.9530



145.5590, -21.4080, -19.5200



142.2910, -49.6520, -14.2600

Sweetspot

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



156.5870, 18.0610, 19.6050



230.1630, 7.1510, 8.0710



149.1420, -5.5510, 18.0090



114.5000, 4.5840, 5.0320



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



156.5870, 18.0610, 19.6050



197.0000, 27.5040, 30.1920



153.9650, 25.4440, 12.4520



86.3750, 3.4380, 3.7740



58.3860, 59.9130, 65.1050



10.4240, 10.9100, 11.5340

Inverse Universe

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



156.5870, 18.0610, 19.6050



197.0000, 27.5040, 30.1920



171.0350, -25.4440, -12.4520



86.3750, 3.4380, 3.7740



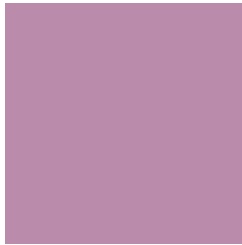
58.3860, 59.9130, 65.1050



10.4240, 10.9100, 11.5340

Previews

White Background



This preview shows how the YIQ color 156.5870, 18.0610, 19.6050 looks on a white background.

Color Contrast Check

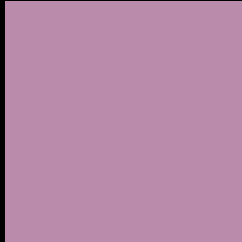
Large Text (above 18pt) WCAG AA × Fail

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 156.5870, 18.0610, 19.6050 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 156.5870, 18.0610, 19.6050

Background



This preview shows how black text looks on a background with the YIQ color 156.5870, 18.0610, 19.6050.



This preview shows how white text looks on a background with the YIQ color 156.5870, 18.0610,

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

156.5870, 18.0610, 19.6050

Protanopia

153.7680, -10.7300, 7.2380

Deuteranopia

154.7540, 1.0530, 8.4530



Tritanopia

155.8120, 21.5010, 12.3250

Trichromacy



Original Color

156.5870, 18.0610, 19.6050

Protanomaly

154.6770, -0.0480, 11.8880

Deuteranomaly

155.2110, 7.1960, 12.7640

Tritanomaly

156.2080, 20.4460, 14.9260

Monochromacy



Original Color

156.5870, 18.0610, 19.6050

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.7500, 6.8760, 7.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.5870, 18.0610, 19.6050 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(186, 139, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 139, 170)  
}
```

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(186, 139, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 139, 170) }
```

Border

The CSS property to change the border of an element to YIQ 156.5870, 18.0610, 19.6050 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(186, 139, 170) }
```


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

```
.border{ border-color:rgb(186, 139, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 139, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 139, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 139, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 139,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 156.5870, 18.0610, 19.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 139, 170) }
```

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

```
.background{ background-color: rgb(186,  
139, 170) }
```

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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