

Converting Colors

YIQ(176.3820, 19.8960, 13.8800)

Have a look what the booklet for
YIQ(176.3820, 19.8960, 13.8800)
contains.

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Color

**YIQ(176.3820, 19.8960,
13.8800)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA2B2
RGB	204, 162, 178
RGB Percent	80%, 64%, 70%
CMY	0.1999, 0.3648, 0.3019
CMYK	0.00, 0.21, 0.13, 0.20
HSL	337°, 29%, 72%
HSV	337°, 21%, 80%
XYZ	45.8643, 41.8908, 47.7968
YIQ	176.3820, 19.8960, 13.8800

Conversions

Conversions Part 2

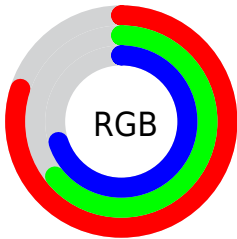
Format	Color
R_{YB}	204, 162, 178
Decimal	13410994
CIE Lab	70.80, 18.06, -2.35
CIE LCh	71, 18.211, 352.578
Yxy	41.8908, 0.3384, 0.3090
Android (android.graphics.Color)	4291601074 (0xFFCCA2B2)
YUV	176.3820, 0.7977, 24.2210
Hunter-Lab	64.7231, 13.2239, 1.5216

Details

The YIQ color **176.3820, 19.8960, 13.8800** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **189.6180, -19.8960, -13.8800**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.3000, 17.1910, 13.3430**, and **123.3710, 18.4290, 12.9330** is the 20% darker color. If you saturate the color by 10%, you get **163.1600, 29.5690, 20.2970**, and if you desaturate by 10%, it is **189.6040, 10.2230, 7.4630**.

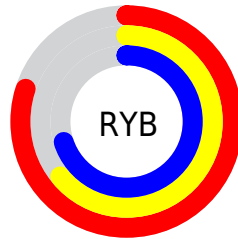
Distribution



Red (80%)

Green (64%)

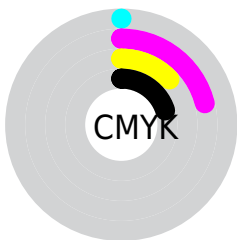
Blue (70%)



Red (80%)

Yellow (64%)

Blue (70%)

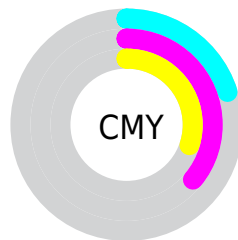


Cyan (0%)

Magenta (21%)

Yellow (13%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.3820, 19.8960, 13.8800 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 176.3820, 19.8960, 13.8800 by changing the saturation by 10% instead.


 176.3820, 19.8960,
13.8800


 176.3820, 19.8960,
13.8800


255.0000, -0.0000,
-0.0000


 149.6700, 19.0250,
13.1450


 230.3000, 17.1910,
13.3430


 123.3710, 18.4290,
12.9330

 249.7170, 2.4750,
4.7070

 98.7730, 17.2370,
12.5090

 74.4740, 16.6410,
12.2970

 51.4630, 15.1740,
11.3500

 29.2780, 14.2570,
11.4490

 10.5940, 16.1830,

9.5830

0.0000, 0.0000,
0.0000

176.3820, 19.8960,
13.8800

176.3820, 19.8960,
13.8800

163.1600, 29.5690,
20.2970

189.6040, 10.2230,
7.4630

149.4650, 39.1960,
27.5480

203.2990, 0.5960,
0.2120

136.2430, 48.8690,
33.9650

216.5210, -9.0770,
-6.2050

122.5480, 58.4960,
41.2160

230.3300,
-19.0250, -13.1450

109.3260, 68.1690,
47.6330

238.1550,
-25.9020, -15.1660

■ 96.1040, 77.8420,
54.0500

■ 239.6370,
-30.0750, -11.1230

■ 82.4090, 87.4690,
61.3010

■ 239.7510,
-30.3960, -10.8120

■ 69.8880, 96.5460,
67.5060

Harmonies

Analogous

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



176.0800, 6.1870, 14.5310



176.3820, 19.8960, 13.8800



175.6400, 27.7370, 9.4410

Triad

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



176.3820, 19.8960, 13.8800



171.3410, 8.8050, -10.8990



168.1130, -34.1110, -4.0550

Complementary

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



176.3820, 19.8960, 13.8800



189.6180, -19.8960, -13.8800

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.



167.0820, -32.8260, -10.8260



176.3820, 19.8960, 13.8800



169.1480, -6.8290, -13.9090

Square

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



176.3820, 19.8960, 13.8800



173.2610, 20.9540, -5.3020



167.5360, -22.6010, -14.4170



171.3470, -25.7220, 3.6060

Rectangle

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



176.3820, 19.8960, 13.8800



175.1900, 28.8840, 5.1720



167.5360, -22.6010, -14.4170



167.3470, -34.8900, -6.4580

Sweetspot

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



176.3820, 19.8960, 13.8800



245.1690, 7.0140, 5.0460



174.5620, 2.0140, 18.5740



122.0330, 4.4010, 2.8410



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.



176.3820, 19.8960, 13.8800



212.9860, 30.1190, 21.3430



177.4930, 23.6570, 6.2890



95.4460, 4.6760, 3.3640



56.8160, 78.7130, 54.7850



13.0720, 17.8330, 12.7210

Inverse Universe

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



176.3820, 19.8960, 13.8800



212.9860, 30.1190, 21.3430



188.5070, -23.6570, -6.2890



95.4460, 4.6760, 3.3640



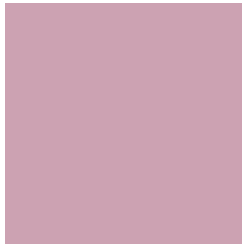
56.8160, 78.7130, 54.7850



13.0720, 17.8330, 12.7210

Previews

White Background



This preview shows how the YIQ color 176.3820, 19.8960, 13.8800 looks on a white background.

Color Contrast Check

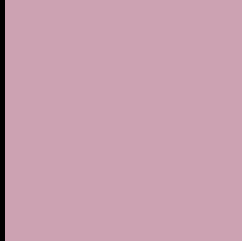
Large Text (above 18pt) WCAG AA × Fail

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 176.3820, 19.8960, 13.8800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

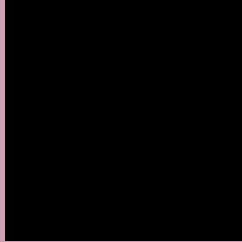
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.3820, 19.8960, 13.8800

Background



This preview shows how black text looks on a background with the YIQ color 176.3820, 19.8960, 13.8800.



This preview shows how white text looks on a background with the YIQ color 176.3820, 19.8960,

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

176.3820, 19.8960, 13.8800

Protanopia

173.6670, -3.2560, 3.9440

Deuteranopia

175.3050, 9.6270, 7.2510



Tritanopia

176.0400, 20.8590, 12.9470

Trichromacy



Original Color

176.3820, 19.8960, 13.8800

Protanomaly

174.3800, 5.0420, 7.7460

Deuteranomaly

175.6260, 13.1570, 9.3570

Tritanomaly

176.1540, 20.5380, 13.2580

Monochromacy



Original Color

176.3820, 19.8960, 13.8800

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.1690, 7.0140, 5.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3820, 19.8960, 13.8800 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, 162, 178)` looks like.

```
.text, #text, p{  
    color:rgb(204, 162, 178)  
}
```

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, 162, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 162, 178) }
```

Border

The CSS property to change the border of an element to YIQ 176.3820, 19.8960, 13.8800 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, 162, 178) }
```


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

```
.border{ border-color:rgb(204, 162, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 162, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 162, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 162, 178);  
box-shadow:4px 4px 4px 4px rgb(204, 162,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3820, 19.8960, 13.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 162, 178) }
```

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

```
.background{ background-color: rgb(204,  
162, 178) }
```

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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