

Converting Colors

YIQ(180.0780, 17.6960, 9.6960)

Have a look what the booklet for
YIQ(180.0780, 17.6960, 9.6960)
contains.

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Color

**YIQ(180.0780, 17.6960,
9.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA9B1
RGB	203, 169, 177
RGB Percent	80%, 66%, 69%
CMY	0.2038, 0.3373, 0.3058
CMYK	0.00, 0.17, 0.13, 0.20
HSL	346°, 25%, 73%
HSV	346°, 17%, 80%
XYZ	46.7573, 44.2452, 47.6793
YIQ	180.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

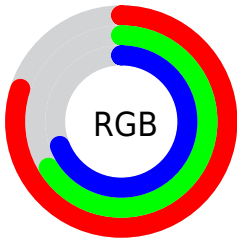
Format	Color
RYB	203, 169, 177
Decimal	13347249
CIELab	72.39, 13.71, 0.53
CIElCh	72, 13.716, 2.194
Yxy	44.2452, 0.3372, 0.3190
Android (android.graphics.Color)	4291537329 (0xFFCBA9B1)
YUV	180.0780, -1.5175, 20.1026
Hunter-Lab	66.5171, 9.0695, 4.0630

Details

The YIQ color **180.0780, 17.6960, 9.6960** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **191.9220, -17.6960, -9.6960**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.2950, 15.5870, 9.3710**, and **127.3660, 16.8250, 8.9610** is the 20% darker color. If you saturate the color by 10%, you get **166.6280, 28.0110, 15.4910**, and if you desaturate by 10%, it is **193.6420, 7.0600, 4.2120**.

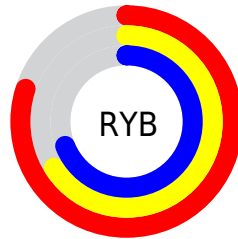
Distribution



Red (80%)

Green (66%)

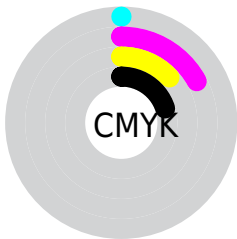
Blue (69%)



Red (80%)

Yellow (66%)

Blue (69%)

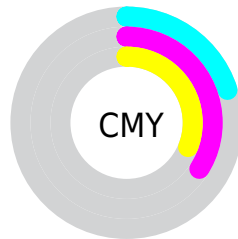


Cyan (0%)

Magenta (17%)

Yellow (13%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.0780, 17.6960, 9.6960 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 180.0780, 17.6960, 9.6960 by changing the saturation by 10% instead.

■ 180.0780, 17.6960,
9.6960

■ 180.0780, 17.6960,
9.6960

255.0000, -0.0000,
-0.0000

■ 152.7790, 17.1000,
9.4840

■ 234.2950, 15.5870,
9.3710

■ 127.4800, 16.5040,
9.2720

■ 253.8260, 0.5500,
1.0460

■ 102.1810, 15.9080,
9.0600

■ 77.5830, 14.7160,
8.6360

■ 54.8710, 13.8450,
7.9010

■ 33.2730, 12.6530,
7.4770

■ 10.1810, 15.9080,

9.0600

0.0000, 0.0000,
0.0000

180.0780, 17.6960,
9.6960

180.0780, 17.6960,
9.6960

166.6280, 28.0110,
15.4910

193.6420, 7.0600,
4.2120

152.4770, 38.9220,
21.4980

207.6790, -3.5300,
-2.1060

138.9130, 49.5580,
26.9820

221.2430,
-14.1660, -7.5900

125.4630, 59.8730,
32.7770

234.6930,
-24.4810, -13.3850

111.3120, 70.7840,
38.7840

239.4520,
-30.9920, -11.0240

■ 97.8620, 81.0990,
44.5790

■ 84.2980, 91.7350,
50.0630

■ 70.8480, 102.0500,
55.8580

■ 66.1690, 105.5800,
57.9640

Harmonies

Analogous

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



180.2280, 8.5260, 10.6860



180.0780, 17.6960, 9.6960



179.5960, 21.8690, 5.6530

Triad

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



180.0780, 17.6960, 9.6960



175.7580, 3.2570, -9.4710



174.9680, -23.3370, -1.0730

Complementary

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



180.0780, 17.6960, 9.6960



191.9220, -17.6960, -9.6960

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.



173.3220, -24.5740, -6.1900



180.0780, 17.6960, 9.6960



174.3590, -8.8010, -11.2090

Square

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



180.0780, 17.6960, 9.6960



177.2540, 13.6640, -5.3440



173.1390, -19.8050, -10.0210



176.8490, -15.4520, 4.7080

Rectangle

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



180.0780, 17.6960, 9.6960



179.0750, 21.7780, 1.7940



173.1390, -19.8050, -10.0210



174.4300, -24.7580, -2.8540

Sweetspot

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



180.0780, 17.6960, 9.6960



246.2290, 6.7850, 3.6890



180.6500, 4.5820, 16.0860



122.6200, 4.1260, 2.3180



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.



180.0780, 17.6960, 9.6960



220.6170, 26.5440, 14.5440



183.8620, 18.0640, 3.0240



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.



180.0780, 17.6960, 9.6960



220.6170, 26.5440, 14.5440



188.1380, -18.0640, -3.0240



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 180.0780, 17.6960, 9.6960 looks on a white background.

Color Contrast Check

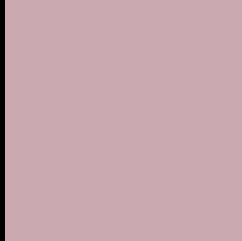
Large Text (above 18pt) WCAG AA × Fail

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 180.0780, 17.6960, 9.6960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

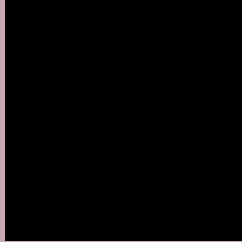
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.0780, 17.6960, 9.6960

Background



This preview shows how black text looks on a background with the YIQ color 180.0780, 17.6960, 9.6960.



This preview shows how white text looks on a background with the YIQ color 180.0780, 17.6960,

9.6960.

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

180.0780, 17.6960, 9.6960

Protanopia

178.4670, 0.1830, 2.1910

Deuteranopia

179.3330, 12.4240, 6.1200



Tritanopia

180.2460, 17.2830, 11.6750

Trichromacy



Original Color

180.0780, 17.6960, 9.6960

Protanomaly

178.8700, 6.4180, 4.8340

Deuteranomaly

179.6430, 14.4870, 7.2790

Tritanomaly

180.1320, 17.6040, 11.3640

Monochromacy



Original Color

180.0780, 17.6960, 9.6960

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9300, 6.1890, 3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.0780, 17.6960, 9.6960 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(203, 169, 177)` looks like.

```
.text, #text, p{  
    color:rgb(203, 169, 177)  
}
```

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(203, 169, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 169, 177) }
```

Border

The CSS property to change the border of an element to YIQ 180.0780, 17.6960, 9.6960 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(203, 169, 177) }
```


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

```
.border{ border-color:rgb(203, 169, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 169, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 169, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 169, 177);  
box-shadow:4px 4px 4px 4px rgb(203, 169,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 180.0780, 17.6960, 9.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 169, 177) }
```

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

```
.background{ background-color: rgb(203,  
169, 177) }
```

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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