

Converting Colors

YIQ(179.0180, 17.9250, 11.0530)

Have a look what the booklet for
YIQ(179.0180, 17.9250, 11.0530)
contains.

YIQ(179.0180, 17.9250, 11.0530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(179.0180, 17.9250,
11.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA7B2
RGB	203, 167, 178
RGB Percent	80%, 65%, 70%
CMY	0.2038, 0.3451, 0.3019
CMYK	0.00, 0.18, 0.12, 0.20
HSL	342°, 26%, 73%
HSV	342°, 18%, 80%
XYZ	46.4885, 43.5467, 48.0830
YIQ	179.0180, 17.9250, 11.0530

Conversions

Conversions Part 2

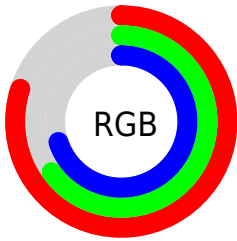
Format	Color
R _Y B	203, 167, 178
Decimal	13346738
CIE Lab	71.92, 14.96, -0.71
CIE LCh	72, 14.980, 357.289
Yxy	43.5467, 0.3366, 0.3153
Android (android.graphics.Color)	4291536818 (0xFFCBA7B2)
YUV	179.0180, -0.5019, 21.0322
Hunter-Lab	65.9899, 10.2669, 2.9918

Details

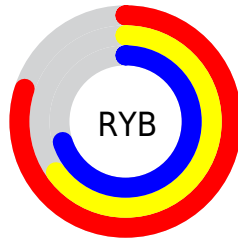
The YIQ color **179.0180, 17.9250, 11.0530** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **190.9820, -17.9250, -11.0530**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.2350, 15.8160, 10.7280**, and **126.3060, 17.0540, 10.3180** is the 20% darker color. If you saturate the color by 10%, you get **165.6820, 27.9190, 17.1590**, and if you desaturate by 10%, it is **192.3540, 7.9310, 4.9470**.

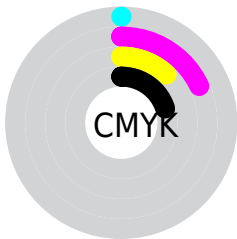
Distribution



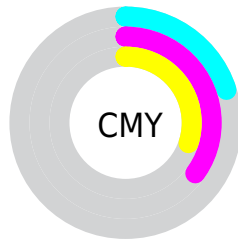
- Red (80%)
- Green (65%)
- Blue (70%)



- Red (80%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (12%)
- Black (20%)





- Cyan (20%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.0180, 17.9250, 11.0530 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 179.0180, 17.9250, 11.0530 by changing the saturation by 10% instead.


 179.0180, 17.9250,
11.0530


 179.0180, 17.9250,
11.0530


255.0000, -0.0000,
-0.0000


 152.3060, 17.0540,
10.3180


 233.2350, 15.8160,
10.7280


 126.3060, 17.0540,
10.3180

 252.6520, 1.1000,
2.0920

 100.8220, 15.5410,
10.2050

 77.1100, 14.6700,
9.4700

 53.8110, 14.0740,
9.2580

 32.2130, 12.8820,
8.8340

 10.2950, 15.5870,

9.3710

0.0000, 0.0000,
0.0000

179.0180, 17.9250,
11.0530

179.0180, 17.9250,
11.0530

165.6820, 27.9190,
17.1590

192.3540, 7.9310,
4.9470

151.7590, 38.1880,
23.7880

206.2770, -2.3380,
-1.6820

138.4230, 48.1820,
29.8940

219.6130,
-12.3320, -7.7880

125.0870, 58.1760,
36.0000

232.9490,
-22.3260, -13.8940

111.1640, 68.4450,
42.6290

238.6540,
-28.7450, -13.2010

■ 97.7140, 78.7600,
48.4240

■ 239.4520,
-30.9920, -11.0240

■ 84.3780, 88.7540,
54.5300

■ 71.0420, 98.7480,
60.6360

■ 67.7650, 101.0860,
62.3180

Harmonies

Analogous

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



178.6840, 7.2420, 11.9300



179.0180, 17.9250, 11.0530



178.6070, 23.3360, 6.6000

Triad

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



179.0180, 17.9250, 11.0530



174.4270, 5.6870, -9.4570



173.1740, -26.9130, -2.3450

Complementary

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



179.0180, 17.9250, 11.0530



190.9820, -17.9250, -11.0530

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.



171.5990, -26.9120, -7.8720



179.0180, 17.9250, 11.0530



173.0170, -7.8380, -12.1420

Square

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



179.0180, 17.9250, 11.0530



176.2220, 16.6900, -5.1180



171.4980, -19.4380, -11.1660



175.4680, -18.7530, 3.9590

Rectangle

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



179.0180, 17.9250, 11.0530



177.7980, 24.1160, 3.4760



171.4980, -19.4380, -11.1660



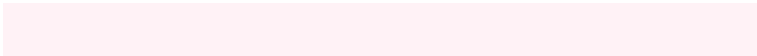
172.5220, -28.0130, -4.4370

Sweetspot

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



179.0180, 17.9250, 11.0530



246.3430, 6.4640, 4.0000



178.5790, 3.3440, 16.4960



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.



179.0180, 17.9250, 11.0530



219.0840, 26.7270, 16.7350



181.8730, 19.5310, 3.9710



95.3320, 4.9970, 3.0530



55.4480, 82.5650, 51.0530



12.7300, 18.7960, 11.7880

Inverse Universe

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



179.0180, 17.9250, 11.0530



219.0840, 26.7270, 16.7350



188.1270, -19.5310, -3.9710



95.3320, 4.9970, 3.0530



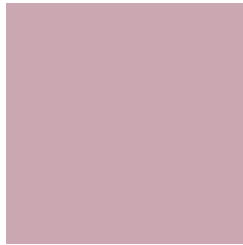
55.4480, 82.5650, 51.0530



12.7300, 18.7960, 11.7880

Previews

White Background



This preview shows how the YIQ color 179.0180, 17.9250, 11.0530 looks on a white background.

Color Contrast Check

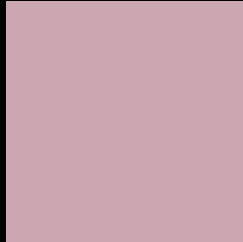
Large Text (above 18pt) WCAG AA × Fail

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 179.0180, 17.9250, 11.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

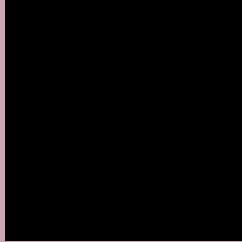
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.0180, 17.9250, 11.0530

Background



This preview shows how black text looks on a background with the YIQ color 179.0180, 17.9250, 11.0530.



This preview shows how white text looks on a background with the YIQ color 179.0180, 17.9250,

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

179.0180, 17.9250, 11.0530

Protanopia

176.8090, -0.7800, 3.1240

Deuteranopia

178.2620, 11.1860, 6.5300



Tritanopia

179.2460, 17.2830, 11.6750

Trichromacy



Original Color

179.0180, 17.9250, 11.0530

Protanomaly

177.5110, 6.0510, 5.9790

Deuteranomaly

178.8710, 13.8450, 7.9010

Tritanomaly

179.1320, 17.6040, 11.3640

Monochromacy



Original Color

179.0180, 17.9250, 11.0530

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.3430, 6.4640, 4.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.0180, 17.9250, 11.0530 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, 167, 178)` looks like.

```
.text, #text, p{  
    color:rgb(203, 167, 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(203, 167, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 167, 178) }
```

Border

The CSS property to change the border of an element to YIQ 179.0180, 17.9250, 11.0530 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, 167, 178) }
```


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

```
.border{ border-color:rgb(203, 167, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 167, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 167, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 167, 178);  
box-shadow:4px 4px 4px 4px rgb(203, 167,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 179.0180, 17.9250, 11.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 167, 178) }
```

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

```
.background{ background-color: rgb(203,  
167, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor