

Converting Colors

YIQ(178.4420, 19.6670, 12.5230)

Have a look what the booklet for
YIQ(178.4420, 19.6670, 12.5230)
contains.

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Color

**YIQ(178.4420, 19.6670,
12.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA5B2
RGB	205, 165, 178
RGB Percent	80%, 65%, 70%
CMY	0.1960, 0.3530, 0.3019
CMYK	0.00, 0.20, 0.13, 0.20
HSL	340°, 29%, 73%
HSV	340°, 20%, 80%
XYZ	46.6738, 43.1021, 47.9882
YIQ	178.4420, 19.6670, 12.5230

Conversions

Conversions Part 2

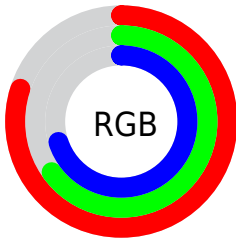
Format	Color
RYB	205, 165, 178
Decimal	13477298
CIELab	71.62, 16.78, -1.13
CIELCh	72, 16.818, 356.161
Yxy	43.1021, 0.3388, 0.3129
Android (android.graphics.Color)	4291667378 (0xFFCDA5B2)
YUV	178.4420, -0.2179, 23.2914
Hunter-Lab	65.6522, 12.0088, 2.6188

Details

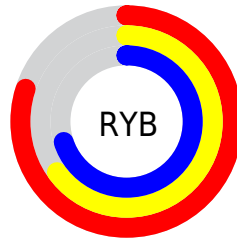
The YIQ color **178.4420, 19.6670, 12.5230** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **191.5580, -19.6670, -12.5230**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.0610, 16.3660, 11.7740**, and **125.4310, 18.2000, 11.5760** is the 20% darker color. If you saturate the color by 10%, you get **164.5190, 29.9360, 19.1520**, and if you desaturate by 10%, it is **191.7780, 9.6730, 6.4170**.

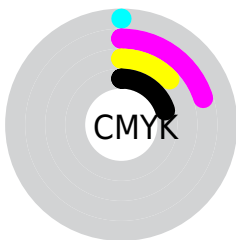
Distribution



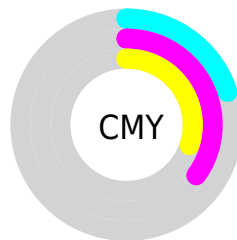
- Red (80%)
- Green (65%)
- Blue (70%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.4420, 19.6670, 12.5230 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 178.4420, 19.6670, 12.5230 by changing the saturation by 10% instead.

■ 178.4420, 19.6670,
12.5230

■ 178.4420, 19.6670,
12.5230

■ 255.0000, -0.0000,
-0.0000

■ 151.7300, 18.7960,
11.7880

■ 232.0610, 16.3660,
11.7740

■ 125.4310, 18.2000,
11.5760

■ 251.4780, 1.6500,
3.1380

■ 100.2460, 17.2830,
11.6750

■ 76.5340, 16.4120,
10.9400

■ 52.9360, 15.2200,
10.5160

■ 31.3380, 14.0280,
10.0920

■ 10.5940, 16.1830,

9.5830

0.0000, 0.0000,
0.0000

178.4420, 19.6670,
12.5230

178.4420, 19.6670,
12.5230

164.5190, 29.9360,
19.1520

191.7780, 9.6730,
6.4170

151.1830, 39.9300,
25.2580

205.7010, -0.5960,
-0.2120

137.3740, 49.8780,
32.1980

219.0370,
-10.5900, -6.3180

124.0380, 59.8720,
38.3040

232.8460,
-20.5380, -13.2580

110.1150, 70.1410,
44.9330

239.1380,
-27.2320, -13.0880

■ 96.7790, 80.1350,
51.0390

■ 240.0500,
-29.8000, -10.6000

■ 82.8560, 90.4040,
57.6680

■ 69.5200, 100.3980,
63.7740

■ 68.9330, 100.6730,
64.2970

Harmonies

Analogous

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



178.6240, 7.4710, 13.2870



178.4420, 19.6670, 12.5230



178.2160, 25.9950, 7.9710

Triad

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



178.4420, 19.6670, 12.5230



173.6720, 6.3750, -10.9130



171.4940, -30.8100, -3.3060

Complementary

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



178.4420, 19.6670, 12.5230



191.5580, -19.6670, -12.5230

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.



169.8050, -30.4880, -9.1440



178.4420, 19.6670, 12.5230



171.1910, -8.3880, -13.1880

Square

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



178.4420, 19.6670, 12.5230



175.4780, 18.8450, -5.6270



169.8890, -22.0970, -12.5370



174.0270, -21.8250, 4.5670

Rectangle

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



178.4420, 19.6670, 12.5230



176.8800, 26.8210, 4.0130



169.8890, -22.0970, -12.5370



170.8420, -31.9100, -5.3980

Sweetspot

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



178.4420, 19.6670, 12.5230



245.0550, 7.3350, 4.7350



177.6330, 3.2520, 18.1640



121.9190, 4.7220, 2.5300



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.



178.4420, 19.6670, 12.5230



215.8070, 29.0650, 18.4170



181.0690, 21.9150, 4.8190



95.3320, 4.9970, 3.0530



55.7900, 81.6020, 51.9860



12.7300, 18.7960, 11.7880

Inverse Universe

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



178.4420, 19.6670, 12.5230



215.8070, 29.0650, 18.4170



188.9310, -21.9150, -4.8190



95.3320, 4.9970, 3.0530



55.7900, 81.6020, 51.9860



12.7300, 18.7960, 11.7880

Previews

White Background



This preview shows how the YIQ color 178.4420, 19.6670, 12.5230 looks on a white background.

Color Contrast Check

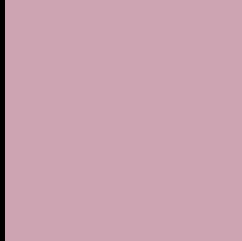
Large Text (above 18pt) WCAG AA × Fail

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 178.4420, 19.6670, 12.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

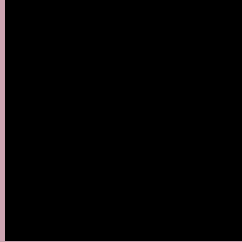
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.4420, 19.6670, 12.5230

Background



This preview shows how black text looks on a background with the YIQ color 178.4420, 19.6670, 12.5230.



This preview shows how white text looks on a background with the YIQ color 178.4420, 19.6670,

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

178.4420, 19.6670, 12.5230

Protanopia

176.3250, -2.2930, 3.0110

Deuteranopia

177.3760, 10.8650, 6.8410



Tritanopia

178.4420, 19.6670, 12.5230

Trichromacy



Original Color

178.4420, 19.6670, 12.5230

Protanomaly

177.0380, 6.0050, 6.8130

Deuteranomaly

177.6970, 14.3950, 8.9470

Tritanomaly

178.4420, 19.6670, 12.5230

Monochromacy



Original Color

178.4420, 19.6670, 12.5230

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.0550, 7.3350, 4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.4420, 19.6670, 12.5230 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(205, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(205, 165, 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(205, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 165, 178) }
```

Border

The CSS property to change the border of an element to YIQ 178.4420, 19.6670, 12.5230 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(205, 165, 178) }
```


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

```
.border{ border-color:rgb(205, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 165, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 165, 178); box-shadow:4px 4px 4px 4px rgb(205, 165, 178) }
```

Background

The CSS property to change the background color of an element to YIQ 178.4420, 19.6670, 12.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 165, 178) }
```

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

```
.background{ background-color: rgb(205,  
165, 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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