

Converting Colors

YIQ(172.1800, 17.6490, 16.0570)

Have a look what the booklet for
YIQ(172.1800, 17.6490, 16.0570)
contains.

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Color

**YIQ(172.1800, 17.6490,
16.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	C79DB4
RGB	199, 157, 180
RGB Percent	78%, 62%, 71%
CMY	0.2195, 0.3844, 0.2941
CMYK	0.00, 0.21, 0.10, 0.22
HSL	327°, 27%, 70%
HSV	327°, 21%, 78%
XYZ	43.8545, 39.5499, 48.5096
YIQ	172.1800, 17.6490, 16.0570

Conversions

Conversions Part 2

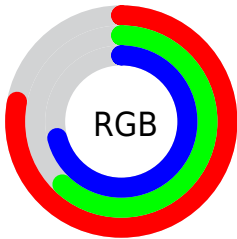
Format	Color
RYB	199, 157, 180
Decimal	13082036
CIELab	69.15, 19.35, -5.95
CIELCh	69, 20.239, 342.918
Yxy	39.5499, 0.3324, 0.2998
Android (android.graphics.Color)	4291272116 (0xFFC79DB4)
YUV	172.1800, 3.8553, 23.5211
Hunter-Lab	62.8887, 14.4190, -1.7116

Details

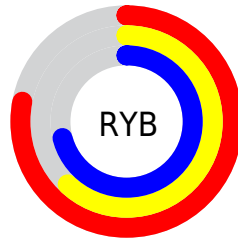
The YIQ color **172.1800, 17.6490, 16.0570** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **183.8200, -17.6490, -16.0570**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.5930, 17.9240, 16.5800**, and **119.4680, 16.7780, 15.3220** is the 20% darker color. If you saturate the color by 10%, you get **159.4140, 26.0380, 23.7180**, and if you desaturate by 10%, it is **184.9460, 9.2600, 8.3960**.

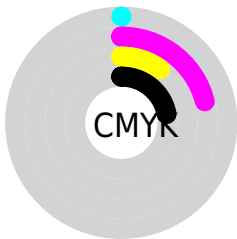
Distribution



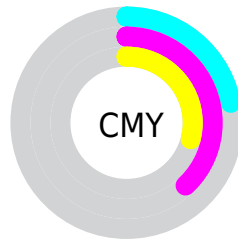
- Red (78%)
- Green (62%)
- Blue (71%)



- Red (78%)
- Yellow (62%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (10%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.1800, 17.6490, 16.0570 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 172.1800, 17.6490, 16.0570 by changing the saturation by 10% instead.


 172.1800, 17.6490,
16.0570


 172.1800, 17.6490,
16.0570


255.0000, -0.0000,
-0.0000


 145.4680, 16.7780,
15.3220

 227.5930, 17.9240,
16.5800


 119.4680, 16.7780,
15.3220


 246.1950, 4.1250,
7.8450

 94.7560, 15.9070,
14.5870

 71.0440, 15.0360,
13.8520

 47.4460, 13.8440,
13.4280

 25.8480, 12.6520,
13.0040

 9.4410, 12.2400,

9.4560

0.0000, 0.0000,
0.0000

172.1800, 17.6490,
16.0570

172.1800, 17.6490,
16.0570

159.4140, 26.0380,
23.7180

184.9460, 9.2600,
8.3960

146.6480, 34.4270,
31.3790

197.7120, 0.8710,
0.7350

133.8820, 42.8160,
39.0400

210.4780, -7.5180,
-6.9260

121.1160, 51.2050,
46.7010

223.2440,
-15.9070, -14.5870

108.3500, 59.5940,
54.3620

234.8360,
-23.7460, -21.2020

■ 96.1710, 67.7080,
61.5000

■ 235.8620,
-26.6350, -18.4030

■ 83.4050, 76.0970,
69.1610

■ 236.8880,
-29.5240, -15.6040

■ 71.9270, 83.6150,
76.0870

■ 237.9140,
-32.4130, -12.8050

■ 238.2560,
-33.3760, -11.8720

Harmonies

Analogous

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



171.8560, 1.0060, 14.8140



172.1800, 17.6490, 16.0570



171.8190, 28.7910, 12.3670

Triad

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



172.1800, 17.6490, 16.0570



167.2770, 14.8570, -10.4470



162.3680, -39.3830, -7.6310

Complementary

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



172.1800, 17.6490, 16.0570



183.8200, -17.6490, -16.0570

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.



161.0170, -34.2010, -13.4410



172.1800, 17.6490, 16.0570



164.9590, -1.9230, -14.7150

Square

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



172.1800, 17.6490, 16.0570



168.9520, 26.3180, -3.3940



163.0370, -19.7580, -16.3820



165.6450, -32.5530, 0.7510

Rectangle

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



172.1800, 17.6490, 16.0570



170.8530, 31.4510, 8.2110



163.0370, -19.7580, -16.3820



161.7870, -39.2450, -10.1330

Sweetspot

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



172.1800, 17.6490, 16.0570



245.3970, 6.3720, 5.6680



167.4690, -2.1580, 17.0900



122.1470, 4.0800, 3.1520



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.



172.1800, 17.6490, 16.0570



214.1260, 26.9090, 24.4530



169.7860, 24.3900, 9.5260



93.2610, 3.7590, 3.4630



58.8830, 68.5790, 62.2350



13.0440, 15.0360, 13.8520

Inverse Universe

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



172.1800, 17.6490, 16.0570



214.1260, 26.9090, 24.4530



186.2140, -24.3900, -9.5260



93.2610, 3.7590, 3.4630



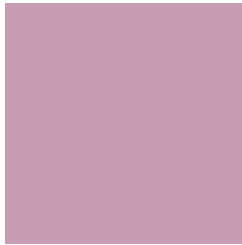
58.8830, 68.5790, 62.2350



13.0440, 15.0360, 13.8520

Previews

White Background



This preview shows how the YIQ color 172.1800, 17.6490, 16.0570 looks on a white background.

Color Contrast Check

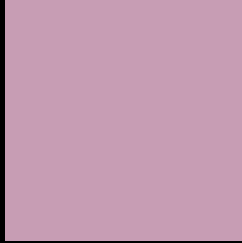
Large Text (above 18pt) WCAG AA × Fail

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 172.1800, 17.6490, 16.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

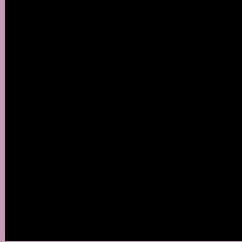
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.1800, 17.6490, 16.0570

Background



This preview shows how black text looks on a background with the YIQ color 172.1800, 17.6490, 16.0570.



This preview shows how white text looks on a background with the YIQ color 172.1800, 17.6490,

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

172.1800, 17.6490, 16.0570

Protanopia

169.8670, -6.6950, 5.6970

Deuteranopia

170.7930, 5.3170, 8.2690



Tritanopia

172.0290, 19.3920, 12.0000

Trichromacy



Original Color

172.1800, 17.6490, 16.0570

Protanomaly

170.7650, 2.5200, 9.4000

Deuteranomaly

171.1250, 10.3140, 11.3220

Tritanomaly

171.7840, 18.7040, 13.4560

Monochromacy



Original Color

172.1800, 17.6490, 16.0570

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.3970, 6.3720, 5.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.1800, 17.6490, 16.0570 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(199, 157, 180)` looks like.

```
.text, #text, p{  
    color:rgb(199, 157, 180)  
}
```

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(199, 157, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 157, 180) }
```

Border

The CSS property to change the border of an element to YIQ 172.1800, 17.6490, 16.0570 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(199, 157, 180) }
```


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

```
.border{ border-color:rgb(199, 157, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 157, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 157, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 157, 180);  
box-shadow:4px 4px 4px 4px rgb(199, 157,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 172.1800, 17.6490, 16.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 157, 180) }
```

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

```
.background{ background-color: rgb(199,  
157, 180) }
```

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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