

Converting Colors

YIQ(171.0660, 17.9700, 15.7460)

Have a look what the booklet for
YIQ(171.0660, 17.9700, 15.7460)
contains.

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Color

**YIQ(171.0660, 17.9700,
15.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	C69CB2
RGB	198, 156, 178
RGB Percent	78%, 61%, 70%
CMY	0.2234, 0.3883, 0.3019
CMYK	0.00, 0.21, 0.10, 0.22
HSL	329°, 27%, 69%
HSV	329°, 21%, 78%
XYZ	43.2191, 38.9956, 47.3758
YIQ	171.0660, 17.9700, 15.7460

Conversions

Conversions Part 2

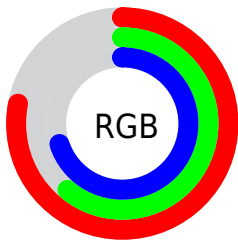
Format	Color
R _Y B	198, 156, 178
Decimal	13016242
CIE Lab	68.75, 19.19, -5.43
CIE LCh	69, 19.949, 344.191
Yxy	38.9956, 0.3335, 0.3009
Android (android.graphics.Color)	4291206322 (0xFFC69CB2)
YUV	171.0660, 3.4185, 23.6211
Hunter-Lab	62.4465, 14.2582, -1.2685

Details

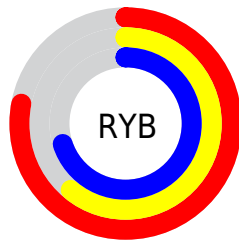
The YIQ color **171.0660, 17.9700, 15.7460** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **182.9340, -17.9700, -15.7460**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7780, 18.8410, 16.4810**, and **118.3540, 17.0990, 15.0110** is the 20% darker color. If you saturate the color by 10%, you get **158.3000, 26.3590, 23.4070**, and if you desaturate by 10%, it is **183.8320, 9.5810, 8.0850**.

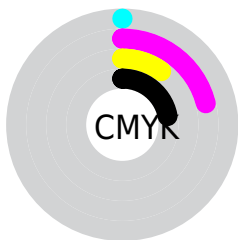
Distribution



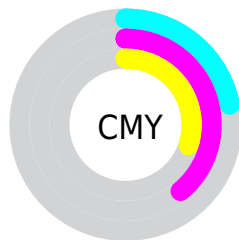
- Red (78%)
- Green (61%)
- Blue (70%)



- Red (78%)
- Yellow (61%)
- Blue (70%)



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




- Cyan (22%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.0660, 17.9700, 15.7460 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 171.0660, 17.9700, 15.7460 by changing the saturation by 10% instead.

 171.0660, 17.9700,
15.7460


 171.0660, 17.9700,
15.7460


255.0000, -0.0000,
-0.0000


 144.6530, 17.6950,
15.2230


 226.7780, 18.8410,
16.4810


 118.3540, 17.0990,
15.0110

 245.6080, 4.4000,
8.3680

 93.6420, 16.2280,
14.2760

 70.0440, 15.0360,
13.8520

 47.0330, 13.5690,
12.9050

 24.8480, 12.6520,
13.0040

 8.5010, 12.0110,

8.0990

0.0000, 0.0000,
0.0000

171.0660, 17.9700,
15.7460

171.0660, 17.9700,
15.7460

158.3000, 26.3590,
23.4070

183.8320, 9.5810,
8.0850

145.4200, 35.0690,
30.7570

196.7120, 0.8710,
0.7350

133.2410, 43.1830,
37.8950

208.8910, -7.2430,
-6.4030

120.3610, 51.8930,
45.2450

221.7710,
-15.9530, -13.7530

107.5950, 60.2820,
52.9060

234.5370,
-24.3420, -21.4140

■ 94.7150, 68.9920,
60.2560

■ 235.6770,
-27.5520, -18.3040

■ 81.9490, 77.3810,
67.9170

■ 236.7030,
-30.4410, -15.5050

■ 71.0580, 84.6240,
74.3200

■ 237.7290,
-33.3300, -12.7060

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

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



170.1550, 1.6020, 15.0260



171.0660, 17.9700, 15.7460



170.5200, 28.1950, 12.1550

Triad

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



171.0660, 17.9700, 15.7460



166.0920, 13.9400, -10.3480



161.0800, -38.5120, -6.8960

Complementary

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



171.0660, 17.9700, 15.7460



182.9340, -17.9700, -15.7460

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.



160.4300, -33.9260, -12.9180



171.0660, 17.9700, 15.7460



163.6600, -2.5190, -14.9270

Square

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



171.0660, 17.9700, 15.7460



167.6530, 25.7220, -3.6060



161.5640, -19.8040, -15.5480



164.3570, -31.6820, 1.4860

Rectangle

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



171.0660, 17.9700, 15.7460



170.0270, 30.9010, 7.1650



161.5640, -19.8040, -15.5480



160.4990, -38.3740, -9.3980

Sweetspot

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



171.0660, 17.9700, 15.7460



245.3970, 6.3720, 5.6680



166.7680, -1.5620, 17.3020



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.



171.0660, 17.9700, 15.7460



214.0120, 27.2300, 24.1420



168.6720, 24.7110, 9.2150



93.2610, 3.7590, 3.4630



58.5410, 69.5420, 61.3020



12.9300, 15.3570, 13.5410

Inverse Universe

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



171.0660, 17.9700, 15.7460



214.0120, 27.2300, 24.1420



185.3280, -24.7110, -9.2150



93.2610, 3.7590, 3.4630



58.5410, 69.5420, 61.3020



12.9300, 15.3570, 13.5410

Previews

White Background



This preview shows how the YIQ color 171.0660, 17.9700, 15.7460 looks on a white background.

Color Contrast Check

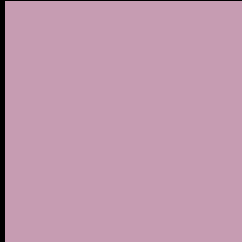
Large Text (above 18pt) WCAG AA × Fail

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 171.0660, 17.9700, 15.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

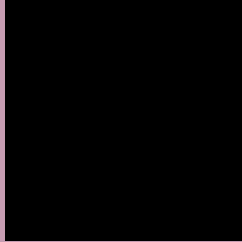
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.0660, 17.9700, 15.7460

Background



This preview shows how black text looks on a background with the YIQ color 171.0660, 17.9700, 15.7460.



This preview shows how white text looks on a background with the YIQ color 171.0660, 17.9700,

15.7460.

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

171.0660, 17.9700, 15.7460

Protanopia

168.7530, -6.3740, 5.3860

Deuteranopia

169.6790, 5.6380, 7.9580



Tritanopia

170.4420, 19.6670, 12.5230

Trichromacy



Original Color

171.0660, 17.9700, 15.7460

Protanomaly

169.6510, 2.8410, 9.0890

Deuteranomaly

170.0110, 10.6350, 11.0110

Tritanomaly

170.7840, 18.7040, 13.4560

Monochromacy



Original Color

171.0660, 17.9700, 15.7460

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.3970, 6.3720, 5.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.0660, 17.9700, 15.7460 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(198, 156, 178)` looks like.

```
.text, #text, p{  
    color:rgb(198, 156, 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(198, 156, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 156, 178) }
```

Border

The CSS property to change the border of an element to YIQ 171.0660, 17.9700, 15.7460 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(198, 156, 178) }
```


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

```
.border{ border-color:rgb(198, 156, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 156, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 156, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 156, 178);  
box-shadow:4px 4px 4px 4px rgb(198, 156,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 171.0660, 17.9700, 15.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 156, 178) }
```

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

```
.background{ background-color: rgb(198,  
156, 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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