

Converting Colors

YIQ(165.9460, 18.4280, 18.4600)

Have a look what the booklet for
YIQ(165.9460, 18.4280, 18.4600)
contains.

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Color

**YIQ(165.9460, 18.4280,
18.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	C395B1
RGB	195, 149, 177
RGB Percent	76%, 58%, 69%
CMY	0.2352, 0.4157, 0.3058
CMYK	0.00, 0.24, 0.09, 0.24
HSL	323°, 28%, 67%
HSV	323°, 24%, 76%
XYZ	41.1956, 36.2701, 46.4314
YIQ	165.9460, 18.4280, 18.4600

Conversions

Conversions Part 2

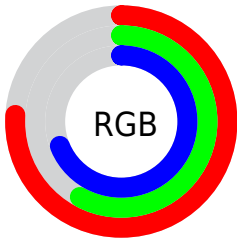
Format	Color
RYB	195, 149, 177
Decimal	12817841
CIELab	66.73, 21.81, -7.91
CIElCh	67, 23.203, 340.074
Yxy	36.2701, 0.3325, 0.2927
Android (android.graphics.Color)	4291007921 (0xFFC395B1)
YUV	165.9460, 5.4496, 25.4804
Hunter-Lab	60.2246, 16.7066, -3.5536

Details

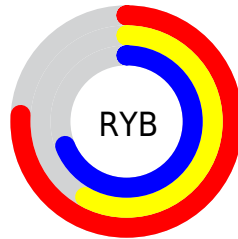
The YIQ color $165.9460, 18.4280, 18.4600$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $178.0540, -18.4280, -18.4600$, and the grayscale version is $166.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $221.0710, 19.5740, 19.7180$, and $113.8210, 17.2820, 17.2020$ is the 20% darker color. If you saturate the color by 10%, you get $153.2940, 26.4960, 26.4320$, and if you desaturate by 10%, it is $178.0110, 10.6350, 11.0110$.

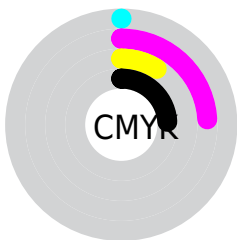
Distribution



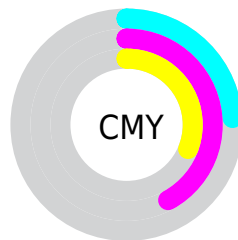
- Red (76%)
- Green (58%)
- Blue (69%)



- Red (76%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (24%)





- Cyan (24%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.9460, 18.4280, 18.4600 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 165.9460, 18.4280, 18.4600 by changing the saturation by 10% instead.


 165.9460, 18.4280,
18.4600

 165.9460, 18.4280,
18.4600


255.0000, -0.0000,
-0.0000


 139.5330, 18.1530,
17.9370


 221.0710, 19.5740,
19.7180


 113.8210, 17.2820,
17.2020

 241.4990, 6.3250,
12.0290

 89.2230, 16.0900,
16.7780

 64.9240, 15.4940,
16.5660

 42.2120, 14.6230,
15.8310

 20.0270, 13.7060,
15.9300

 5.4680, 7.6100,

5.2580

0.0000, 0.0000,
0.0000

165.9460, 18.4280,
18.4600

165.9460, 18.4280,
18.4600

153.2940, 26.4960,
26.4320

178.0110, 10.6350,
11.0110

141.3430, 33.9680,
34.1920

190.5490, 2.8880,
2.7280

128.6910, 42.0360,
42.1640

202.6140, -4.9050,
-4.7210

116.6260, 49.8290,
49.6130

215.2660,
-12.9730, -12.6930

104.0880, 57.5760,
57.8960

227.8040,
-20.7200, -20.9760

■ 92.0230, 65.3690,
65.3450

■ 233.4120,
-25.4880, -22.6720

■ 79.4850, 73.1160,
73.6280

■ 234.2100,
-27.7350, -20.4950

■ 71.8710, 78.0210,
78.3490

■ 235.1220,
-30.3030, -18.0070

■ 236.0340,
-32.8710, -15.5190

Harmonies

Analogous

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



165.4260, -0.5990, 16.3690



165.9460, 18.4280, 18.4600



165.3680, 31.6790, 15.0950

Triad

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



165.9460, 18.4280, 18.4600



160.6040, 18.2500, -11.3660



153.7800, -46.5350, -10.1750

Complementary

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



165.9460, 18.4280, 18.4600



178.0540, -18.4280, -18.4600

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.



153.0980, -38.9230, -15.9710



165.9460, 18.4280, 18.4600



157.9760, -0.5930, -16.7930

Square

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



165.9460, 18.4280, 18.4600



162.5180, 30.5360, -2.7440



155.3850, -20.8580, -18.4740



157.1110, -39.7970, -0.1250

Rectangle

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



165.9460, 18.4280, 18.4600



164.6470, 35.0270, 9.4830



155.3850, -20.8580, -18.4740



152.7970, -45.2050, -12.2530

Sweetspot

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



165.9460, 18.4280, 18.4600



241.3370, 6.6010, 7.0250



159.6260, -4.0380, 18.1220



121.0870, 4.3090, 4.5090



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.



165.9460, 18.4280, 18.4600



207.8320, 27.9170, 28.2130



163.3240, 25.8110, 11.3070



90.6740, 4.0340, 3.9860



59.3110, 64.4980, 64.6100



12.1470, 13.2480, 13.2160

Inverse Universe

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



165.9460, 18.4280, 18.4600



207.8320, 27.9170, 28.2130



180.6760, -25.8110, -11.3070



90.6740, 4.0340, 3.9860



59.3110, 64.4980, 64.6100



12.1470, 13.2480, 13.2160

Previews

White Background



This preview shows how the YIQ color 165.9460, 18.4280, 18.4600 looks on a white background.

Color Contrast Check

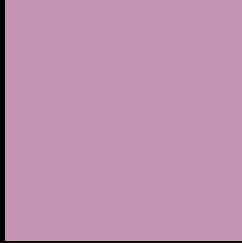
Large Text (above 18pt) WCAG AA × Fail

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 165.9460, 18.4280, 18.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

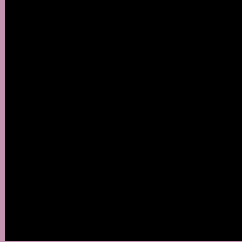
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.9460, 18.4280, 18.4600

Background



This preview shows how black text looks on a background with the YIQ color 165.9460, 18.4280, 18.4600.



This preview shows how white text looks on a background with the YIQ color 165.9460, 18.4280,

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

165.9460, 18.4280, 18.4600

Protanopia

163.1380, -8.8960, 7.0400

Deuteranopia

164.4230, 3.4830, 8.4670



Tritanopia

164.9260, 21.1800, 12.6360

Trichromacy



Original Color

165.9460, 18.4280, 18.4600

Protanomaly

164.3350, 0.9150, 10.9550

Deuteranomaly

165.1680, 8.7550, 12.0430

Tritanomaly

165.2080, 20.4460, 14.9260

Monochromacy



Original Color

165.9460, 18.4280, 18.4600

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.2230, 6.9220, 6.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9460, 18.4280, 18.4600 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(195, 149, 177)` looks like.

```
.text, #text, p{  
    color:rgb(195, 149, 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(195, 149, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 149, 177) }
```

Border

The CSS property to change the border of an element to YIQ 165.9460, 18.4280, 18.4600 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(195, 149, 177) }
```


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

```
.border{ border-color:rgb(195, 149, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 149, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 149, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 149, 177);  
box-shadow:4px 4px 4px 4px rgb(195, 149,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9460, 18.4280, 18.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 149, 177) }
```

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

```
.background{ background-color: rgb(195,  
149, 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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