

Converting Colors

YIQ(166.5930, 17.9240, 16.5800)

Have a look what the booklet for
YIQ(166.5930, 17.9240, 16.5800)
contains.

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Color

**YIQ(166.5930, 17.9240,
16.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	C297AF
RGB	194, 151, 175
RGB Percent	76%, 59%, 69%
CMY	0.2391, 0.4079, 0.3137
CMYK	0.00, 0.22, 0.10, 0.24
HSL	327°, 26%, 68%
HSV	327°, 22%, 76%
XYZ	41.0587, 36.6964, 45.4834
YIQ	166.5930, 17.9240, 16.5800

Conversions

Conversions Part 2

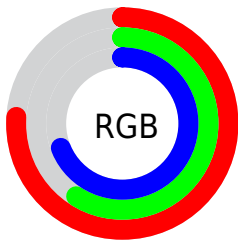
Format	Color
RYB	194, 151, 175
Decimal	12752815
CIELab	67.05, 20.00, -6.32
CIELCh	67, 20.978, 342.467
Yxy	36.6964, 0.3332, 0.2978
Android (android.graphics.Color)	4290942895 (0xFFC297AF)
YUV	166.5930, 4.1447, 24.0359
Hunter-Lab	60.5775, 14.9744, -2.1124

Details

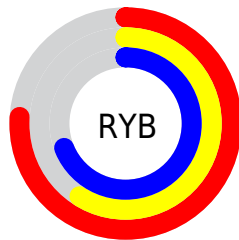
The YIQ color **166.5930, 17.9240, 16.5800** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **178.4070, -17.9240, -16.5800**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.7180, 19.0700, 17.8380**, and **114.5820, 16.4570, 15.6330** is the 20% darker color. If you saturate the color by 10%, you get **154.4140, 26.0380, 23.7180**, and if you desaturate by 10%, it is **178.7720, 9.8100, 9.4420**.

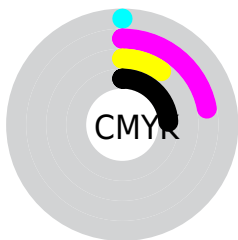
Distribution



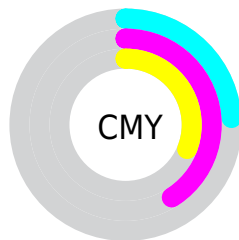
- Red (76%)
- Green (59%)
- Blue (69%)



- Red (76%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (24%)



- Cyan (24%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.5930, 17.9240, 16.5800 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 166.5930, 17.9240, 16.5800 by changing the saturation by 10% instead.

■ 166.5930, 17.9240,
16.5800

■ 166.5930, 17.9240,
16.5800

255.0000, -0.0000,
-0.0000

■ 140.1800, 17.6490,
16.0570

■ 221.7180, 19.0700,
17.8380

■ 114.5820, 16.4570,
15.6330

■ 242.6730, 5.7750,
10.9830

■ 89.8700, 15.5860,
14.8980

■ 65.5710, 14.9900,
14.6860

■ 42.8590, 14.1190,
13.9510

■ 21.2610, 12.9270,
13.5270

■ 5.1260, 8.5730,

4.3250

0.0000, 0.0000,
0.0000

166.5930, 17.9240,
16.5800

166.5930, 17.9240,
16.5800

154.4140, 26.0380,
23.7180

178.7720, 9.8100,
9.4420

141.7620, 34.1060,
31.6900

191.4240, 1.7420,
1.4700

129.5830, 42.2200,
38.8280

203.6030, -6.3720,
-5.6680

116.9310, 50.2880,
46.8000

216.2550,
-14.4400, -13.6400

104.7520, 58.4020,
53.9380

228.4340,
-22.5540, -20.7780

■ 92.6870, 66.1950,
61.3870

■ 233.4550,
-27.0470, -21.9510

■ 79.9210, 74.5840,
69.0480

■ 234.4810,
-29.9360, -19.1520

■ 70.3180, 80.9560,
74.7160

■ 235.5070,
-32.8250, -16.3530

■ 236.4190,
-35.3930, -13.8650

Harmonies

Analogous

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



165.9700, 0.6850, 15.1250



166.5930, 17.9240, 16.5800



166.2320, 29.0660, 12.8900

Triad

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



166.5930, 17.9240, 16.5800



161.1630, 15.1780, -10.7580



155.8840, -40.8960, -7.7440

Complementary

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



166.5930, 17.9240, 16.5800



178.4070, -17.9240, -16.5800

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.



155.4190, -35.3930, -13.8650



166.5930, 17.9240, 16.5800



159.4320, -1.8770, -15.5490

Square

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



166.5930, 17.9240, 16.5800



163.5500, 27.5100, -2.9700



156.7380, -20.3540, -16.5940



159.2750, -34.3870, 0.9490

Rectangle

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



166.5930, 17.9240, 16.5800



165.1520, 32.0470, 8.4230



156.7380, -20.3540, -16.5940



155.3030, -40.7580, -10.2460

Sweetspot

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



166.5930, 17.9240, 16.5800



241.2230, 6.9220, 6.7140



161.5830, -2.4790, 17.4010



120.9730, 4.6300, 4.1980



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.



166.5930, 17.9240, 16.5800



208.6640, 28.3300, 26.2340



164.1990, 24.6650, 10.0490



90.6740, 4.0340, 3.9860



58.3990, 67.0660, 62.1220



12.0330, 13.5690, 12.9050

Inverse Universe

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



166.5930, 17.9240, 16.5800



208.6640, 28.3300, 26.2340



180.8010, -24.6650, -10.0490



90.6740, 4.0340, 3.9860



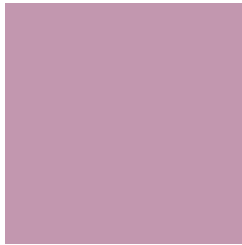
58.3990, 67.0660, 62.1220



12.0330, 13.5690, 12.9050

Previews

White Background



This preview shows how the YIQ color 166.5930, 17.9240, 16.5800 looks on a white background.

Color Contrast Check

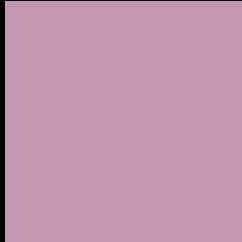
Large Text (above 18pt) WCAG AA × Fail

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 166.5930, 17.9240, 16.5800 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 166.5930, 17.9240, 16.5800

Background



This preview shows how black text looks on a background with the YIQ color 166.5930, 17.9240, 16.5800.



This preview shows how white text looks on a background with the YIQ color 166.5930, 17.9240,

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

166.5930, 17.9240, 16.5800

Protanopia

163.9810, -7.0160, 6.0080

Deuteranopia

165.4940, 4.7210, 8.0570



Tritanopia

166.3280, 19.9880, 12.2120

Trichromacy



Original Color

166.5930, 17.9240, 16.5800

Protanomaly

164.8790, 2.1990, 9.7110

Deuteranomaly

165.8260, 9.7180, 11.1100

Tritanomaly

166.1970, 18.9790, 13.9790

Monochromacy



Original Color

166.5930, 17.9240, 16.5800

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.8100, 6.6470, 6.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.5930, 17.9240, 16.5800 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(194, 151, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 151, 175)  
}
```

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(194, 151, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 151, 175) }
```

Border

The CSS property to change the border of an element to YIQ 166.5930, 17.9240, 16.5800 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(194, 151, 175) }
```


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

```
.border{ border-color:rgb(194, 151, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 151, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 151, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 151, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 151,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 166.5930, 17.9240, 16.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 151, 175) }
```

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

```
.background{ background-color: rgb(194,  
151, 175) }
```

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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