

Converting Colors

YIQ(166.2050, 16.5010, 25.8530)

Have a look what the booklet for
YIQ(166.2050, 16.5010, 25.8530)
contains.

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Color

**YIQ(166.2050, 16.5010,
25.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	C691C0
RGB	198, 145, 192
RGB Percent	78%, 57%, 75%
CMY	0.2234, 0.4314, 0.2470
CMYK	0.00, 0.27, 0.03, 0.22
HSL	307°, 32%, 67%
HSV	307°, 27%, 78%
XYZ	42.9364, 36.0613, 54.5710
YIQ	166.2050, 16.5010, 25.8530

Conversions

Conversions Part 2

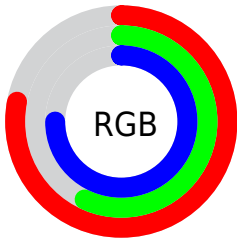
Format	Color
RYB	198, 145, 192
Decimal	13013440
CIELab	66.57, 27.76, -16.51
CIElCh	67, 32.295, 329.256
Yxy	36.0613, 0.3215, 0.2700
Android (android.graphics.Color)	4291203520 (0xFFC691C0)
YUV	166.2050, 12.7169, 27.8842
Hunter-Lab	60.0510, 22.5379, -11.8437

Details

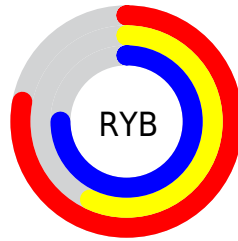
The YIQ color **166.2050, 16.5010, 25.8530** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176.7950, -16.5010, -25.8530**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3300, 17.6470, 27.1110**, and **113.6670, 15.0800, 24.0720** is the 20% darker color. If you saturate the color by 10%, you get **154.2370, 22.6430, 35.6910**, and if you desaturate by 10%, it is **178.1730, 10.3590, 16.0150**.

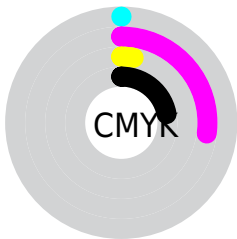
Distribution



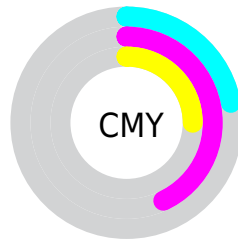
- Red (78%)
- Green (57%)
- Blue (75%)



- Red (78%)
- Yellow (57%)
- Blue (75%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)
- Black (22%)





- Cyan (22%)
- Magenta (43%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.2050, 16.5010, 25.8530 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 166.2050, 16.5010, 25.8530 by changing the saturation by 10% instead.


 166.2050, 16.5010,
25.8530


 166.2050, 16.5010,
25.8530


255.0000, -0.0000,
-0.0000


 139.4930, 15.6300,
25.1180


 221.3300, 17.6470,
27.1110


 113.6670, 15.0800,
24.0720

 239.1510, 7.4250,
14.1210

 88.3680, 14.4840,
23.8600

 64.5420, 13.9340,
22.8140

 41.2430, 13.3380,
22.6020

 18.6450, 12.1460,
22.1780

 8.1890, 4.2620,

10.8700

■ 0.0000, 0.0000,
0.0000

■ 166.2050, 16.5010,
25.8530

■ 166.2050, 16.5010,
25.8530

■ 154.2370, 22.6430,
35.6910

■ 178.1730, 10.3590,
16.0150

■ 142.2690, 28.7850,
45.5290

■ 190.2550, 3.8960,
6.4880

■ 130.7740, 34.9730,
54.5330

■ 201.6360, -1.9710,
-2.8270

■ 118.8060, 41.1150,
64.3710

■ 213.6040, -8.1130,
-12.6650

■ 106.8380, 47.2570,
74.2090

■ 225.5720,
-14.2550, -22.5030

■ 94.7560, 53.7200,
83.7360

■ 232.3710,
-18.2430, -27.3230

■ 82.7880, 59.8620,
93.5740

■ 232.5990,
-18.8850, -26.7010

■ 79.2660, 61.5120,
96.7120

■ 232.8270,
-19.5270, -26.0790

■ 233.0550,
-20.1690, -25.4570

Harmonies

Analogous

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



164.4880, -12.3370, 19.8470



166.2050, 16.5010, 25.8530



165.4600, 37.5920, 23.5760

Triad

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



166.2050, 16.5010, 25.8530



160.1940, 31.0880, -12.7520



143.3850, -73.5840, -21.0720

Complementary

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



166.2050, 16.5010, 25.8530



176.7950, -16.5010, -25.8530

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.



147.5430, -50.8420, -25.7380



166.2050, 16.5010, 25.8530



157.1910, 8.8070, -21.9530

Square

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



166.2050, 16.5010, 25.8530



162.5260, 45.2530, 0.3650



152.9410, -19.8480, -25.7680



148.6280, -69.4140, -8.5340

Rectangle

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



166.2050, 16.5010, 25.8530



164.6640, 45.5250, 17.4690



152.9410, -19.8480, -25.7680



144.1420, -68.5860, -23.5460

Sweetspot

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



166.2050, 16.5010, 25.8530



243.0320, 6.1420, 9.8380



152.5370, -14.0330, 17.5430



120.1410, 4.2170, 6.1770



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.



166.2050, 16.5010, 25.8530



205.8400, 25.4390, 40.0870



163.2410, 24.8470, 17.7670



93.6030, 2.7960, 4.3960



65.2670, 50.6030, 79.6510



14.4120, 11.1840, 17.5840

Inverse Universe

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



166.2050, 16.5010, 25.8530



205.8400, 25.4390, 40.0870



179.7590, -24.8470, -17.7670



93.6030, 2.7960, 4.3960



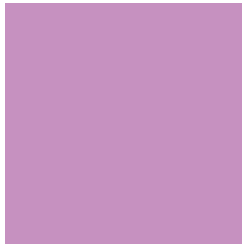
65.2670, 50.6030, 79.6510



14.4120, 11.1840, 17.5840

Previews

White Background



This preview shows how the YIQ color 166.2050, 16.5010, 25.8530 looks on a white background.

Color Contrast Check

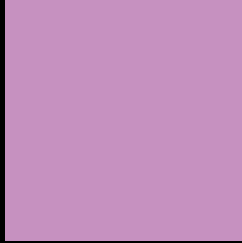
Large Text (above 18pt) WCAG AA × Fail

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 166.2050, 16.5010, 25.8530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

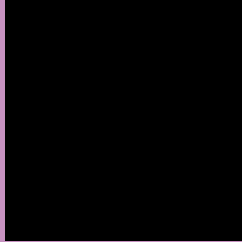
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.2050, 16.5010, 25.8530

Background



This preview shows how black text looks on a background with the YIQ color 166.2050, 16.5010, 25.8530.



This preview shows how white text looks on a background with the YIQ color 166.2050, 16.5010,

25.8530.

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

166.2050, 16.5010, 25.8530

Protanopia

163.0970, -18.8460, 11.1540

Deuteranopia

163.7410, -6.1000, 11.4360



Tritanopia

164.5240, 22.3720, 13.0600

Trichromacy



Original Color

166.2050, 16.5010, 25.8530

Protanomaly

164.2020, -5.7800, 16.6520

Deuteranomaly

164.5080, 2.1060, 16.9060

Tritanomaly

164.9030, 19.9870, 17.7390

Monochromacy



Original Color

166.2050, 16.5010, 25.8530

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.9180, 6.4630, 9.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.2050, 16.5010, 25.8530 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, 145, 192)` looks like.

```
.text, #text, p{  
    color:rgb(198, 145, 192)  
}
```

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, 145, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 145, 192) }
```

Border

The CSS property to change the border of an element to YIQ 166.2050, 16.5010, 25.8530 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, 145, 192) }
```


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

```
.border{ border-color:rgb(198, 145, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 145, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 145, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 145, 192);  
box-shadow:4px 4px 4px 4px rgb(198, 145,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 166.2050, 16.5010, 25.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 145, 192) }
```

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

```
.background{ background-color: rgb(198,  
145, 192) }
```

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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