

Converting Colors

YIQ(165.9770, 17.1430, 25.2310)

Have a look what the booklet for
YIQ(165.9770, 17.1430, 25.2310)
contains.

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Color

**YIQ(165.9770, 17.1430,
25.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	C691BE
RGB	198, 145, 190
RGB Percent	78%, 57%, 75%
CMY	0.2234, 0.4314, 0.2549
CMYK	0.00, 0.27, 0.04, 0.22
HSL	309°, 32%, 67%
HSV	309°, 27%, 78%
XYZ	42.7163, 35.9732, 53.4122
YIQ	165.9770, 17.1430, 25.2310

Conversions

Conversions Part 2

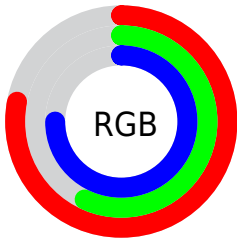
Format	Color
R _Y B	198, 145, 190
Decimal	13013438
CIE Lab	66.50, 27.39, -15.49
CIE LCh	66, 31.468, 330.505
Yxy	35.9732, 0.3234, 0.2723
Android (android.graphics.Color)	4291203518 (0xFFC691BE)
YUV	165.9770, 11.8433, 28.0842
Hunter-Lab	59.9777, 22.1673, -10.8154

Details

The YIQ color **165.9770, 17.1430, 25.2310** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.0230, -17.1430, -25.2310**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.1020, 18.2890, 26.4890**, and **113.5530, 15.4010, 23.7610** is the 20% darker color. If you saturate the color by 10%, you get **153.8950, 23.6060, 34.7580**, and if you desaturate by 10%, it is **178.0590, 10.6800, 15.7040**.

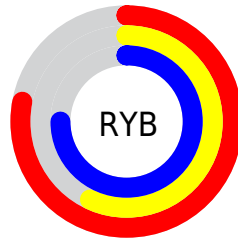
Distribution



Red (78%)

Green (57%)

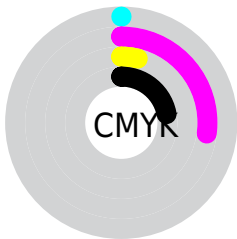
Blue (75%)



Red (78%)

Yellow (57%)

Blue (75%)

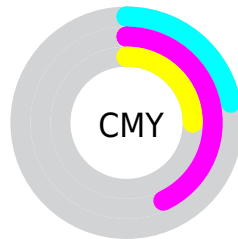


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (43%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.9770, 17.1430, 25.2310 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 165.9770, 17.1430, 25.2310 by changing the saturation by 10% instead.


 165.9770, 17.1430,
25.2310


 165.9770, 17.1430,
25.2310


255.0000, -0.0000,
-0.0000


 139.2650, 16.2720,
24.4960


 221.1020, 18.2890,
26.4890


 113.5530, 15.4010,
23.7610

 239.1510, 7.4250,
14.1210

 88.1400, 15.1260,
23.2380

 64.4280, 14.2550,
22.5030

 41.0150, 13.9800,
21.9800

 18.4170, 12.7880,
21.5560

 7.9610, 4.9040,

10.2480

■ 0.0000, 0.0000,
0.0000

■ 165.9770, 17.1430,
25.2310

■ 165.9770, 17.1430,
25.2310

■ 153.8950, 23.6060,
34.7580

■ 178.0590, 10.6800,
15.7040

■ 141.8130, 30.0690,
44.2850

■ 190.1410, 4.2170,
6.1770

■ 130.3180, 36.2570,
53.2890

■ 201.6360, -1.9710,
-2.8270

■ 118.2360, 42.7200,
62.8160

■ 213.7180, -8.4340,
-12.3540

■ 106.1540, 49.1830,
72.3430

■ 225.8000,
-14.8970, -21.8810

■ 94.0720, 55.6460,
81.8700

■ 232.5990,
-18.8850, -26.7010

■ 81.9900, 62.1090,
91.3970

■ 232.9410,
-19.8480, -25.7680

■ 78.3540, 64.0800,
94.2240

■ 233.2830,
-20.8110, -24.8350

■ 233.6250,
-21.7740, -23.9020

Harmonies

Analogous

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



163.9720, -10.8240, 19.9600



165.9770, 17.1430, 25.2310



164.9330, 37.6380, 22.7420

Triad

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



165.9770, 17.1430, 25.2310



160.0090, 30.1710, -12.6530



143.9940, -70.9250, -19.7010

Complementary

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



165.9770, 17.1430, 25.2310



177.0230, -17.1430, -25.2310

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.



147.3690, -50.2920, -24.6920



165.9770, 17.1430, 25.2310



157.1200, 7.5690, -21.5430

Square

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



165.9770, 17.1430, 25.2310



161.9280, 44.0610, -0.0590



152.5820, -20.2150, -24.6230



149.4220, -65.8380, -7.2620

Rectangle

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



165.9770, 17.1430, 25.2310



164.2510, 45.2500, 16.9460



152.5820, -20.2150, -24.6230



144.7510, -65.9270, -22.1750

Sweetspot

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



165.9770, 17.1430, 25.2310



242.9180, 6.4630, 9.5270



153.4340, -12.2450, 18.1790



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.



165.9770, 17.1430, 25.2310



205.4980, 26.4020, 39.1540



163.0130, 25.4890, 17.1450



93.6030, 2.7960, 4.3960



64.4690, 52.8500, 77.4740



14.1840, 11.8260, 16.9620

Inverse Universe

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



165.9770, 17.1430, 25.2310



205.4980, 26.4020, 39.1540



179.9870, -25.4890, -17.1450



93.6030, 2.7960, 4.3960



64.4690, 52.8500, 77.4740



14.1840, 11.8260, 16.9620

Previews

White Background



This preview shows how the YIQ color 165.9770, 17.1430, 25.2310 looks on a white background.

Color Contrast Check

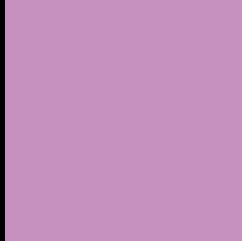
Large Text (above 18pt) WCAG AA × Fail

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 165.9770, 17.1430, 25.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

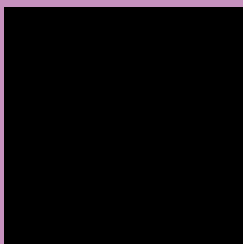
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.9770, 17.1430, 25.2310

Background



This preview shows how black text looks on a background with the YIQ color 165.9770, 17.1430, 25.2310.



This preview shows how white text looks on a background with the YIQ color 165.9770, 17.1430,

25.2310.

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

165.9770, 17.1430, 25.2310

Protanopia

162.5810, -17.3330, 11.2670

Deuteranopia

163.8120, -4.8620, 11.0260



Tritanopia

164.5240, 22.3720, 13.0600

Trichromacy



Original Color

165.9770, 17.1430, 25.2310

Protanomaly

163.9740, -5.1380, 16.0300

Deuteranomaly

164.5790, 3.3440, 16.4960

Tritanomaly

164.7890, 20.3080, 17.4280

Monochromacy



Original Color

165.9770, 17.1430, 25.2310

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 165.9770, 17.1430, 25.2310 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 145, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 145, 190) }
```

Border

The CSS property to change the border of an element to YIQ 165.9770, 17.1430, 25.2310 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, 190) }
```


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

```
.border{ border-color:rgb(198, 145, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 145, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 145, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 145,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9770, 17.1430, 25.2310 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, 190) }
```

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

```
.background{ background-color: rgb(198,  
145, 190) }
```

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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