

Converting Colors

YIQ(176.4260, 8.5690, 26.4330)

Have a look what the booklet for
YIQ(176.4260, 8.5690, 26.4330)
contains.

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Color

**YIQ(176.4260, 8.5690,
26.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	C99DD4
RGB	201, 157, 212
RGB Percent	79%, 62%, 83%
CMY	0.2116, 0.3844, 0.1686
CMYK	0.05, 0.26, 0.00, 0.17
HSL	288°, 39%, 72%
HSV	288°, 26%, 83%
XYZ	48.0342, 41.2835, 67.7227
YIQ	176.4260, 8.5690, 26.4330

Conversions

Conversions Part 2

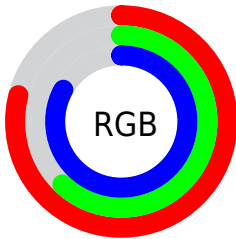
Format	Color
RYB	201, 157, 212
Decimal	13213140
CIELab	70.37, 25.96, -21.80
CIELCh	70, 33.903, 319.982
Yxy	41.2835, 0.3059, 0.2629
Android (android.graphics.Color)	4291403220 (0xFFC99DD4)
YUV	176.4260, 17.5380, 21.5514
Hunter-Lab	64.2522, 21.0030, -17.5159

Details

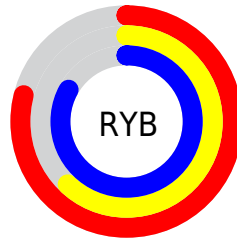
The YIQ color **176.4260, 8.5690, 26.4330** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192.5740, -8.5690, -26.4330**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.7590, 11.8250, 22.4890**, and **123.1870, 7.7440, 24.8640** is the 20% darker color. If you saturate the color by 10%, you get **162.9030, 11.9600, 36.5680**, and if you desaturate by 10%, it is **189.9490, 5.1780, 16.2980**.

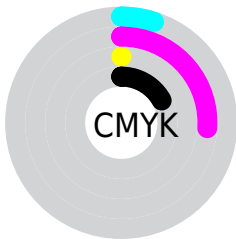
Distribution



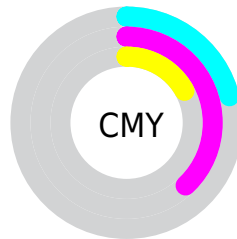
- Red (79%)
- Green (62%)
- Blue (83%)



- Red (79%)
- Yellow (62%)
- Blue (83%)



- Cyan (5%)
- Magenta (26%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (38%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.4260, 8.5690, 26.4330 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 176.4260, 8.5690, 26.4330 by changing the saturation by 10% instead.

■ 176.4260, 8.5690,
26.4330

■ 176.4260, 8.5690,
26.4330

255.0000, -0.0000,
-0.0000

■ 149.6000, 8.0190,
25.3870

■ 229.7590, 11.8250,
22.4890

■ 123.1870, 7.7440,
24.8640

■ 246.1950, 4.1250,
7.8450

■ 98.3610, 7.1940,
23.8180

■ 73.9480, 6.9190,
23.2950

■ 50.1220, 6.3690,
22.2490

■ 27.7090, 6.0940,
21.7260

■ 13.1880, 6.0030,

17.8670

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 176.4260, 8.5690,
26.4330

■ 176.4260, 8.5690,
26.4330

■ 162.9030, 11.9600,
36.5680

■ 189.9490, 5.1780,
16.2980

■ 149.3800, 15.3510,
46.7030

■ 203.4720, 1.7870,
6.1630

■ 134.9710, 18.4210,
57.1490

■ 217.8810, -1.2830,
-4.2830

■ 121.4480, 21.8120,
67.2840

■ 231.4040, -4.6740,
-14.4180

■ 107.9250, 25.2030,
77.4190

■ 240.2310, -5.8650,
-20.3690

■ 94.4020, 28.5940,
87.5540

■ 241.4270, -3.4810,
-19.5210

■ 80.5800, 31.3890,
97.4770

■ 242.9220, -0.5010,
-18.4610

■ 74.9980, 33.2680,
101.9720

■ 244.1180, 1.8830,
-17.6130

■ 245.3140, 4.2670,
-16.7650

Harmonies

Analogous

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



172.9750, -24.0740, 17.7980



176.4260, 8.5690, 26.4330



176.6000, 34.3820, 26.6860

Triad

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



176.4260, 8.5690, 26.4330



171.1950, 38.5150, -9.6850



153.1630, -73.0790, -24.7190

Complementary

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



176.4260, 8.5690, 26.4330



192.5740, -8.5690, -26.4330

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.



158.1970, -44.0560, -27.5760



176.4260, 8.5690, 26.4330



168.2090, 17.5640, -20.9640

Square

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



176.4260, 8.5690, 26.4330



172.9120, 50.1580, 5.0860



164.0190, -11.3200, -26.1360



154.6760, -78.5370, -13.9050

Rectangle

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



176.4260, 8.5690, 26.4330



175.7120, 45.5700, 22.1620



164.0190, -11.3200, -26.1360



154.4150, -65.1010, -26.1330

Sweetspot

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



176.4260, 8.5690, 26.4330



242.0640, 3.1160, 9.6120



169.7270, -20.6800, 11.3520



119.4720, 1.7870, 6.1630



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.



176.4260, 8.5690, 26.4330



203.8430, 12.1890, 37.9250



177.7770, 20.5820, 23.4780



99.9450, 1.8330, 5.3290



60.4570, 26.7610, 82.2250



15.3670, 7.0570, 20.7930

Inverse Universe

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



174.6990, 29.2490, 15.0810



201.4450, 41.9480, 21.7240



191.1090, -20.2610, -23.7890



99.6310, 5.5930, 3.2650



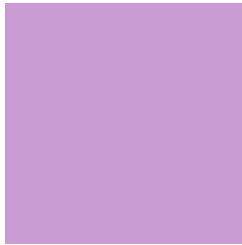
55.0050, 91.0020, 46.8260



13.8830, 22.7390, 11.9150

Previews

White Background



This preview shows how the YIQ color 176.4260, 8.5690, 26.4330 looks on a white background.

Color Contrast Check

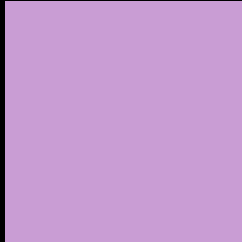
Large Text (above 18pt) WCAG AA × Fail

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 176.4260, 8.5690, 26.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

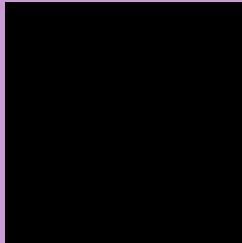
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.4260, 8.5690, 26.4330

Background



This preview shows how black text looks on a background with the YIQ color 176.4260, 8.5690, 26.4330.



This preview shows how white text looks on a background with the YIQ color 176.4260, 8.5690,

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

176.4260, 8.5690, 26.4330

Protanopia

172.6390, -23.2480, 13.8400

Deuteranopia

173.9730, -12.5650, 12.9630



Tritanopia

174.9360, 15.2200, 10.5160

Trichromacy



Original Color

176.4260, 8.5690, 26.4330

Protanomaly

173.7330, -11.6490, 18.3910

Deuteranomaly

175.0280, -5.2300, 17.6980

Tritanomaly

175.2550, 13.0640, 16.5520

Monochromacy



Original Color

176.4260, 8.5690, 26.4330

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.0640, 3.1160, 9.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.4260, 8.5690, 26.4330 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(201, 157, 212)` looks like.

```
.text, #text, p{  
    color:rgb(201, 157, 212)  
}
```

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(201, 157, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 157, 212) }
```

Border

The CSS property to change the border of an element to YIQ 176.4260, 8.5690, 26.4330 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(201, 157, 212) }
```


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

```
.border{ border-color:rgb(201, 157, 212) }
```

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

Here you see how a box with a 4 pixel rgb(201, 157, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 157, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 157, 212);  
box-shadow:4px 4px 4px 4px rgb(201, 157,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 176.4260, 8.5690, 26.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 157, 212) }
```

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

```
.background{ background-color: rgb(201,  
157, 212) }
```

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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