

Converting Colors

YIQ(168.8880, 33.5110, 25.9510)

Have a look what the booklet for
YIQ(168.8880, 33.5110, 25.9510)
contains.

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Color

**YIQ(168.8880, 33.5110,
25.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	D98FB0
RGB	217, 143, 176
RGB Percent	85%, 56%, 69%
CMY	0.1488, 0.4393, 0.3097
CMYK	0.00, 0.34, 0.19, 0.15
HSL	333°, 49%, 71%
HSV	333°, 34%, 85%
XYZ	46.2872, 37.5307, 45.8931
YIQ	168.8880, 33.5110, 25.9510

Conversions

Conversions Part 2

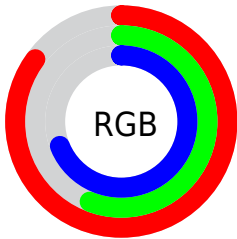
Format	Color
R _Y B	217, 143, 176
Decimal	14258096
CIE Lab	67.67, 32.72, -5.69
CIE LCh	68, 33.209, 350.134
Yxy	37.5307, 0.3568, 0.2893
Android (android.graphics.Color)	4292448176 (0xFFD98FB0)
YUV	168.8880, 3.5062, 42.1942
Hunter-Lab	61.2623, 27.6580, -1.5320

Details

The YIQ color **168.8880, 33.5110, 25.9510** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **191.1120, -33.5110, -25.9510**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.9190, 23.0580, 22.6580**, and **115.6920, 31.1270, 25.1030** is the 20% darker color. If you saturate the color by 10%, you get **154.6060, 43.4130, 33.7250**, and if you desaturate by 10%, it is **183.1700, 23.6090, 18.1770**.

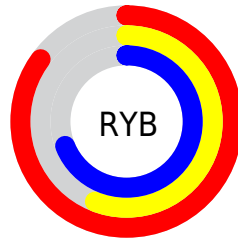
Distribution



Red (85%)

Green (56%)

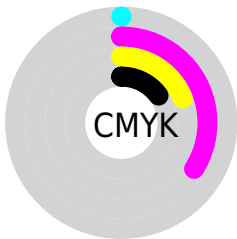
Blue (69%)



Red (85%)

Yellow (56%)

Blue (69%)

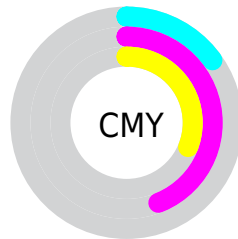


Cyan (0%)

Magenta (34%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (44%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.8880, 33.5110, 25.9510 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 168.8880, 33.5110, 25.9510 by changing the saturation by 10% instead.

■ 168.8880, 33.5110,
25.9510

■ 168.8880, 33.5110,
25.9510

255.0000, -0.0000,
-0.0000

■ 142.1760, 32.6400,
25.2160

■ 218.9190, 23.0580,
22.6580

■ 115.6920, 31.1270,
25.1030

■ 237.9770, 7.9750,
15.1670

■ 90.6810, 29.6600,
24.1560

■ 65.1970, 28.1470,
24.0430

■ 41.0120, 27.2300,
24.1420

■ 20.5770, 24.0210,
21.7250

■ 11.3340, 19.8510,

9.1870

0.0000, 0.0000,
0.0000

168.8880, 33.5110,
25.9510

168.8880, 33.5110,
25.9510

154.6060, 43.4130,
33.7250

183.1700, 23.6090,
18.1770

140.9110, 53.0400,
40.9760

196.8650, 13.9820,
10.9260

126.6290, 62.9420,
48.7500

211.1470, 4.0800,
3.1520

112.3470, 72.8440,
56.5240

225.4290, -5.8220,
-4.6220

98.0650, 82.7460,
64.2980

239.1240,
-15.4490, -11.8730

■ 84.3700, 92.3730,
71.5490

■ 242.8400,
-20.4010, -10.2330

■ 75.9410, 98.1950,
76.1710

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



169.0130, 8.2940, 25.9100



168.8880, 33.5110, 25.9510



167.5610, 47.3130, 18.1050

Triad

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



168.8880, 33.5110, 25.9510



160.8500, 17.1970, -19.8190



148.1600, -77.0240, -13.7920

Complementary

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



168.8880, 33.5110, 25.9510



191.1120, -33.5110, -25.9510

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.



145.7610, -71.8870, -24.2950



168.8880, 33.5110, 25.9510



157.1330, -11.6410, -25.8250

Square

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



168.8880, 33.5110, 25.9510



164.0100, 37.5980, -9.5860



151.3220, -42.9100, -26.3180



158.0910, -54.2400, 2.8160

Rectangle

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



168.8880, 33.5110, 25.9510



166.6610, 49.6070, 9.5670



151.3220, -42.9100, -26.3180



145.7420, -78.9030, -18.2870

Sweetspot

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



168.8880, 33.5110, 25.9510



238.7290, 11.3690, 8.7210



163.6950, 0.6820, 31.7060



117.5820, 7.2890, 5.5690



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.



168.8880, 33.5110, 25.9510



186.7530, 47.4930, 36.8770



167.4740, 43.0040, 13.5960



102.8590, 4.9510, 3.8870



60.5050, 78.3910, 60.6230



16.0340, 20.9960, 15.9720

Inverse Universe

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



168.8880, 33.5110, 25.9510



186.7530, 47.4930, 36.8770



192.5260, -43.0040, -13.5960



102.8590, 4.9510, 3.8870



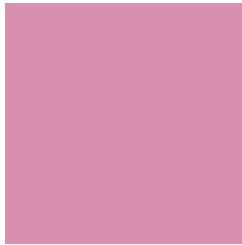
60.5050, 78.3910, 60.6230



16.0340, 20.9960, 15.9720

Previews

White Background



This preview shows how the YIQ color 168.8880, 33.5110, 25.9510 looks on a white background.

Color Contrast Check

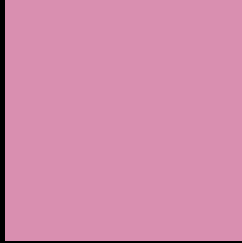
Large Text (above 18pt) WCAG AA × Fail

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 168.8880, 33.5110, 25.9510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

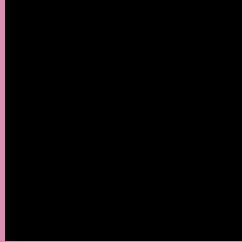
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.8880, 33.5110, 25.9510

Background



This preview shows how black text looks on a background with the YIQ color 168.8880, 33.5110, 25.9510.



This preview shows how white text looks on a background with the YIQ color 168.8880, 33.5110,

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

168.8880, 33.5110, 25.9510

Protanopia

165.9530, -9.8130, 7.1390

Deuteranopia

166.8640, 6.5550, 7.8590



Tritanopia

167.8850, 37.5930, 18.0490

Trichromacy



Original Color

168.8880, 33.5110, 25.9510

Protanomaly

166.6670, 5.9120, 14.0080

Deuteranomaly

167.6420, 16.2280, 14.2760

Tritanomaly

168.3950, 36.2170, 20.9610

Monochromacy



Original Color

168.8880, 33.5110, 25.9510

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.1420, 11.6440, 9.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.8880, 33.5110, 25.9510 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(217, 143, 176)` looks like.

```
.text, #text, p{  
    color:rgb(217, 143, 176)  
}
```

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(217, 143, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 143, 176) }
```

Border

The CSS property to change the border of an element to YIQ 168.8880, 33.5110, 25.9510 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(217, 143, 176) }
```


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

```
.border{ border-color:rgb(217, 143, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 143, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 143, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 143, 176); box-shadow:4px 4px 4px 4px rgb(217, 143, 176) }
```

Background

The CSS property to change the background color of an element to YIQ 168.8880, 33.5110, 25.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 143, 176) }
```

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

```
.background{ background-color: rgb(217,  
143, 176) }
```

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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