

Converting Colors

YIQ(168.8170, 15.0780, 35.1260)

Have a look what the booklet for
YIQ(168.8170, 15.0780, 35.1260)
contains.

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Color

**YIQ(168.8170, 15.0780,
35.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8ED4
RGB	205, 142, 212
RGB Percent	80%, 56%, 83%
CMY	0.1959, 0.4432, 0.1686
CMYK	0.03, 0.33, 0.00, 0.17
HSL	294°, 45%, 69%
HSV	294°, 33%, 83%
XYZ	46.7434, 37.0779, 66.9814
YIQ	168.8170, 15.0780, 35.1260

Conversions

Conversions Part 2

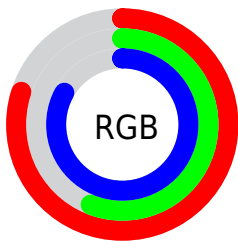
Format	Color
RYB	205, 142, 212
Decimal	13471444
CIELab	67.34, 35.46, -26.41
CIELCh	67, 44.219, 323.319
Yxy	37.0779, 0.3100, 0.2459
Android (android.graphics.Color)	4291661524 (0xFFCD8ED4)
YUV	168.8170, 21.2892, 31.7325
Hunter-Lab	60.8916, 30.4651, -22.5955

Details

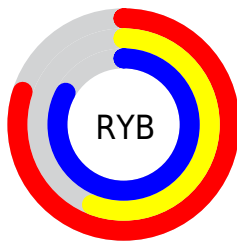
The YIQ color **168.8170, 15.0780, 35.1260** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **185.1830, -15.0780, -35.1260**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.9540, 15.9500, 30.3340**, and **115.5780, 14.2530, 33.5570** is the 20% darker color. If you saturate the color by 10%, you get **155.8920, 19.6610, 45.6850**, and if you desaturate by 10%, it is **181.7420, 10.4950, 24.5670**.

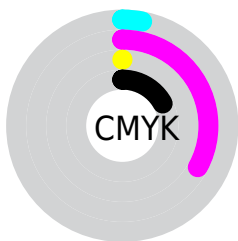
Distribution



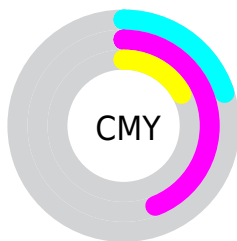
- Red (80%)
- Green (56%)
- Blue (83%)



- Red (80%)
- Yellow (56%)
- Blue (83%)



- Cyan (3%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.8170, 15.0780, 35.1260 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 168.8170, 15.0780, 35.1260 by changing the saturation by 10% instead.

168.8170, 15.0780,
35.1260

168.8170, 15.0780,
35.1260

255.0000, -0.0000,
-0.0000

141.9910, 14.5280,
34.0800

220.9540, 15.9500,
30.3340

115.5780, 14.2530,
33.5570

237.3900, 8.2500,
15.6900

90.4530, 13.1070,
32.2990

254.4130, 0.2750,
0.5230

65.7410, 12.2360,
31.5640

40.7410, 12.2360,
31.5640

20.9640, 9.9900,
28.2140

12.1770, 4.5360,

16.9200

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 168.8170, 15.0780,
35.1260

■ 168.8170, 15.0780,
35.1260

■ 155.8920, 19.6610,
45.6850

■ 181.7420, 10.4950,
24.5670

■ 142.9670, 24.2440,
56.2440

■ 194.6670, 5.9120,
14.0080

■ 129.4550, 29.1020,
67.3260

■ 208.1790, 1.0540,
2.9260

■ 116.5300, 33.6850,
77.8850

■ 221.1040, -3.5290,
-7.6330

■ 103.6050, 38.2680,
88.4440

■ 234.3280, -7.5160,
-17.9800

■ 90.3810, 42.2550,
98.7910

■ 239.0350, -8.2490,
-21.2170

■ 81.2770, 45.7840,
106.4240

■ 239.6330, -7.0570,
-20.7930

■ 240.2310, -5.8650,
-20.3690

■ 240.8290, -4.6730,
-19.9450

Harmonies

Analogous

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



165.2230, -27.4680, 24.2440



168.8170, 15.0780, 35.1260



167.4000, 46.9890, 34.9970

Triad

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



168.8170, 15.0780, 35.1260



161.5130, 46.1270, -15.4810



130.1240, -112.8740, -35.8980

Complementary

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



168.8170, 15.0780, 35.1260



185.1830, -15.0780, -35.1260

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.



137.7090, -75.2770, -39.9570



168.8170, 15.0780, 35.1260



157.4660, 17.9780, -28.4700

Square

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



168.8170, 15.0780, 35.1260



163.6160, 62.6750, 4.0110



151.6600, -20.8550, -35.0550



131.5380, -122.3670, -23.5430

Rectangle

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



168.8170, 15.0780, 35.1260



166.1160, 59.2320, 27.8720



151.6600, -20.8550, -35.0550



129.2290, -108.9760, -40.4640

Sweetspot

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



168.8170, 15.0780, 35.1260



239.4280, 5.0870, 12.4390



154.0890, -24.3950, 18.1090



118.0100, 3.2080, 7.9440



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.



168.8170, 15.0780, 35.1260



192.1360, 22.0900, 51.2260



167.7180, 28.2380, 27.9020



100.2440, 2.4290, 5.5410



65.5400, 36.8930, 85.8290



16.5630, 9.4410, 21.6410

Inverse Universe

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



163.7280, 39.4730, 17.0170



184.6380, 57.5820, 24.7340



186.2820, -28.2380, -27.9020



99.4030, 6.2350, 2.6430



53.0670, 96.4590, 41.5390



13.3130, 24.3440, 10.3600

Previews

White Background



This preview shows how the YIQ color 168.8170, 15.0780, 35.1260 looks on a white background.

Color Contrast Check

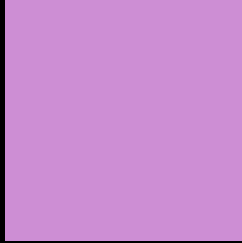
Large Text (above 18pt) WCAG AA × Fail

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 168.8170, 15.0780, 35.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

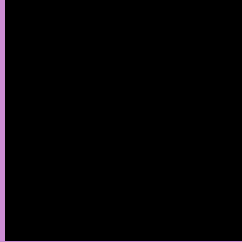
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.8170, 15.0780, 35.1260

Background



This preview shows how black text looks on a background with the YIQ color 168.8170, 15.0780, 35.1260.



This preview shows how white text looks on a background with the YIQ color 168.8170, 15.0780,

35.1260.

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

168.8170, 15.0780, 35.1260

Protanopia

164.3270, -30.9970, 16.6110

Deuteranopia

165.1620, -17.4710, 13.7690



Tritanopia

167.0080, 23.8850, 13.1730

Trichromacy



Original Color

168.8170, 15.0780, 35.1260



Protanomaly

166.2260, -14.3550, 23.3810



Deuteranomaly

166.2500, -5.7350, 21.3450



Tritanomaly

167.6090, 20.9950, 21.4990

Monochromacy



Original Color

168.8170, 15.0780, 35.1260



Achromatopsia

169.0000, -0.0000, -0.0000



Achromatomaly

168.8410, 5.3620, 12.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.8170, 15.0780, 35.1260 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(205, 142, 212)` looks like.

```
.text, #text, p{  
    color:rgb(205, 142, 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(205, 142, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 142, 212) }
```

Border

The CSS property to change the border of an element to YIQ 168.8170, 15.0780, 35.1260 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(205, 142, 212) }
```


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

```
.border{ border-color:rgb(205, 142, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 142, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 142, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 142, 212);  
box-shadow:4px 4px 4px 4px rgb(205, 142,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 168.8170, 15.0780, 35.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 142, 212) }
```

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

```
.background{ background-color: rgb(205,  
142, 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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