

Converting Colors

YIQ(154.4080, 35.3430, 36.8070)

Have a look what the booklet for
YIQ(154.4080, 35.3430, 36.8070)
contains.

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Color

**YIQ(154.4080, 35.3430,
36.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	D379B2
RGB	211, 121, 178
RGB Percent	83%, 47%, 70%
CMY	0.1723, 0.5256, 0.3019
CMYK	0.00, 0.43, 0.16, 0.17
HSL	322°, 51%, 65%
HSV	322°, 43%, 83%
XYZ	41.7533, 30.7392, 45.8650
YIQ	154.4080, 35.3430, 36.8070

Conversions

Conversions Part 2

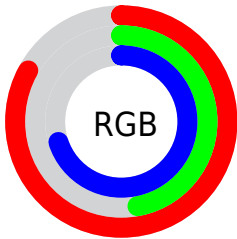
Format	Color
R _Y B	211, 121, 178
Decimal	13859250
CIE Lab	62.29, 42.65, -14.95
CIE LCh	62, 45.191, 340.686
Yxy	30.7392, 0.3528, 0.2597
Android (android.graphics.Color)	4292049330 (0xFFD379B2)
YUV	154.4080, 11.6309, 49.6312
Hunter-Lab	55.4430, 37.4008, -10.2374

Details

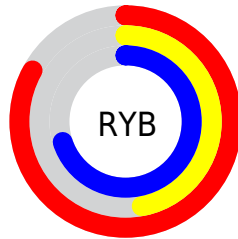
The YIQ color **154.4080, 35.3430, 36.8070** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **177.5920, -35.3430, -36.8070**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.6460, 28.7410, 35.3090**, and **101.0980, 33.2800, 35.6480** is the 20% darker color. If you saturate the color by 10%, you get **141.1690, 43.6860, 45.3020**, and if you desaturate by 10%, it is **167.6470, 27.0000, 28.3120**.

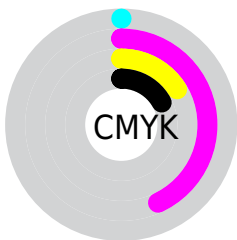
Distribution



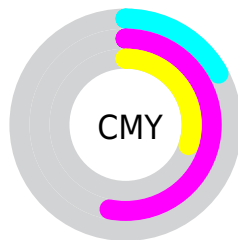
- Red (83%)
- Green (47%)
- Blue (70%)



- Red (83%)
- Yellow (47%)
- Blue (70%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (17%)



- Cyan (17%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.4080, 35.3430, 36.8070 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 154.4080, 35.3430, 36.8070 by changing the saturation by 10% instead.

154.4080, 35.3430,
36.8070

154.4080, 35.3430,
36.8070

255.0000, -0.0000,
-0.0000

127.6960, 34.4720,
36.0720

205.6460, 28.7410,
35.3090

101.0980, 33.2800,
35.6480

224.4760, 14.3000,
27.1960

74.6140, 31.7670,
35.5350

241.4990, 6.3250,
12.0290

47.0810, 31.9500,
37.7260

28.4670, 27.6870,
32.3830

18.8970, 20.1240,
20.7640

6.4360, 10.6360,

5.4840

■ 0.0000, 0.0000,
0.0000

■ 154.4080, 35.3430,
36.8070

■ 154.4080, 35.3430,
36.8070

■ 141.1690, 43.6860,
45.3020

■ 167.6470, 27.0000,
28.3120

■ 128.0440, 51.7080,
54.1080

■ 180.8860, 18.6570,
19.8170

■ 114.8050, 60.0510,
62.6030

■ 194.0110, 10.6350,
11.0110

■ 101.5660, 68.3940,
71.0980

■ 207.2500, 2.2920,
2.5160

■ 87.7400, 77.0120,
80.1160

■ 220.4890, -6.0510,
-5.9790

■ 78.3650, 82.7420,
86.4060

■ 234.2010,
-14.3480, -15.3080

■ 239.2220,
-18.8410, -16.4810

■ 240.1340,
-21.4090, -13.9930

■ 241.0460,
-23.9770, -11.5050

Harmonies

Analogous

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



154.5530, -1.7940, 32.5260



154.4080, 35.3430, 36.8070



151.9850, 58.2230, 29.6390

Triad

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



154.4080, 35.3430, 36.8070



145.8160, 31.7320, -24.4280



122.2310, -111.3170, -25.5650

Complementary

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



154.4080, 35.3430, 36.8070



177.5920, -35.3430, -36.8070

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.



119.0730, -99.6690, -38.4290



154.4080, 35.3430, 36.8070



140.6960, -3.3410, -33.0770

Square

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



154.4080, 35.3430, 36.8070



148.6330, 54.8370, -8.1310



130.2680, -51.9860, -38.0500



120.8580, -117.0960, -14.4400

Rectangle

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



154.4080, 35.3430, 36.8070



150.7710, 64.2770, 19.0370



130.2680, -51.9860, -38.0500



121.4500, -107.7400, -29.8200

Sweetspot

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



154.4080, 35.3430, 36.8070



234.2610, 12.9270, 13.5270



141.1270, -9.2220, 34.9860



114.7610, 8.3430, 8.4950



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.



154.4080, 35.3430, 36.8070



173.2180, 51.1580, 53.0620



149.2780, 49.7880, 22.8120



98.0870, 4.3090, 4.5090



62.4300, 65.7810, 68.8930



15.2230, 16.0900, 16.7780

Inverse Universe

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



154.4080, 35.3430, 36.8070



173.2180, 51.1580, 53.0620



182.7220, -49.7880, -22.8120



98.0870, 4.3090, 4.5090



62.4300, 65.7810, 68.8930



15.2230, 16.0900, 16.7780

Previews

White Background



This preview shows how the YIQ color 154.4080, 35.3430, 36.8070 looks on a white background.

Color Contrast Check

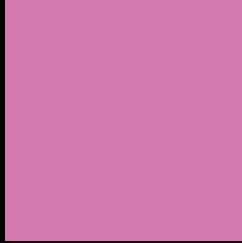
Large Text (above 18pt) WCAG AA × Fail

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 154.4080, 35.3430, 36.8070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

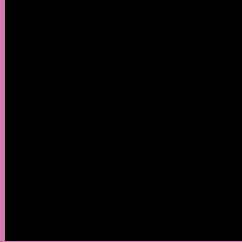
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.4080, 35.3430, 36.8070

Background



This preview shows how black text looks on a background with the YIQ color 154.4080, 35.3430, 36.8070.



This preview shows how white text looks on a background with the YIQ color 154.4080, 35.3430,

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

154.4080, 35.3430, 36.8070

Protanopia

151.2970, -22.2850, 12.9070

Deuteranopia

152.3560, -3.5780, 9.7820



Tritanopia

153.3480, 43.5990, 19.3350

Trichromacy



Original Color

154.4080, 35.3430, 36.8070



Protanomaly

152.7020, -1.1960, 21.6840



Deuteranomaly

153.2810, 10.1750, 19.3510



Tritanomaly

153.5960, 40.2050, 25.7810

Monochromacy



Original Color

154.4080, 35.3430, 36.8070



Achromatopsia

154.0000, -0.0000, -0.0000



Achromatomaly

154.2610, 12.9270, 13.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.4080, 35.3430, 36.8070 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(211, 121, 178)` looks like.

```
.text, #text, p{  
    color:rgb(211, 121, 178)  
}
```

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(211, 121, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 121, 178) }
```

Border

The CSS property to change the border of an element to YIQ 154.4080, 35.3430, 36.8070 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(211, 121, 178) }
```


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

```
.border{ border-color:rgb(211, 121, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 121, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 121, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 121, 178);  
box-shadow:4px 4px 4px 4px rgb(211, 121,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 154.4080, 35.3430, 36.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 121, 178) }
```

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

```
.background{ background-color: rgb(211,  
121, 178) }
```

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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