

Converting Colors

YIQ(118.4450, 35.0620, 69.4460)

Have a look what the booklet for
YIQ(118.4450, 35.0620, 69.4460)
contains.

YIQ(118.4450, 35.0620, 69.4460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(118.4450, 35.0620,
69.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	C340C6
RGB	195, 64, 198
RGB Percent	76%, 25%, 78%
CMY	0.2349, 0.7492, 0.2235
CMYK	0.01, 0.68, 0.00, 0.22
HSL	299°, 54%, 51%
HSV	299°, 68%, 78%
XYZ	34.5561, 19.3538, 55.3459
YIQ	118.4450, 35.0620, 69.4460

Conversions

Conversions Part 2

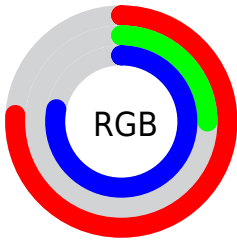
Format	Color
RYB	195, 64, 198
Decimal	12796102
CIELab	51.10, 67.64, -43.93
CIELCh	51, 80.654, 327.000
Yxy	19.3538, 0.3163, 0.1771
Android (android.graphics.Color)	4290986182 (0xFFC340C6)
YUV	118.4450, 39.2206, 67.1387
Hunter-Lab	43.9929, 63.2227, -43.7955

Details

The YIQ color **118.4450, 35.0620, 69.4460** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **143.5550, -35.0620, -69.4460**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **176.6300, 35.9790, 69.3470**, and **57.5640, 36.3450, 73.7290** is the 20% darker color. If you saturate the color by 10%, you get **106.7050, 40.5620, 79.9060**, and if you desaturate by 10%, it is **130.4840, 30.1580, 59.1980**.

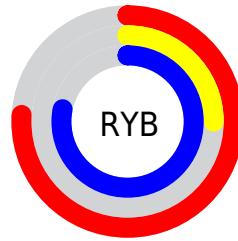
Distribution



Red (76%)

Green (25%)

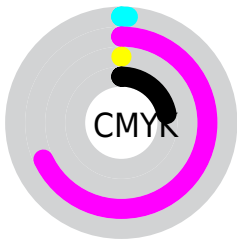
Blue (78%)



Red (76%)

Yellow (25%)

Blue (78%)

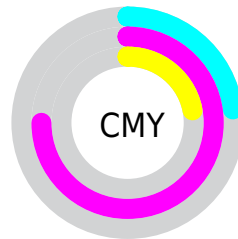


Cyan (1%)

Magenta (68%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (75%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.4450, 35.0620, 69.4460 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 118.4450, 35.0620, 69.4460 by changing the saturation by 10% instead.

■ 118.4450, 35.0620,
69.4460

■ 118.4450, 35.0620,
69.4460

255.0000, -0.0000,
-0.0000

■ 86.0370, 36.3910,
72.8950

■ 176.9290, 36.5750,
69.5590

■ 57.5640, 36.3450,
73.7290

■ 193.3650, 28.8750,
54.9150

■ 46.2280, 28.0030,
59.7070

■ 210.3880, 20.9000,
39.7480

■ 35.0060, 19.3400,
45.9960

■ 227.4110, 12.9250,
24.5810

■ 24.7950, 12.1440,
33.2320

■ 245.0210, 4.6750,
8.8910

■ 13.2030, 1.6470,
19.7190

■ 3.2090, -7.6580,

6.6300

■ 0.0000, 0.0000,
0.0000

■ 118.4450, 35.0620,
69.4460

■ 118.4450, 35.0620,
69.4460

■ 106.7050, 40.5620,
79.9060

■ 130.4840, 30.1580,
59.1980

■ 94.6660, 45.4660,
90.1540

■ 142.2240, 24.6580,
48.7380

■ 83.5130, 50.6910,
100.0910

■ 153.3770, 19.4330,
38.8010

■ 80.5780, 52.0660,
102.7060

■ 165.4160, 14.5290,
28.5530

■ 177.1560, 9.0290,
18.0930

■ 189.1950, 4.1250,
7.8450

■ 200.9350, -1.3750,
-2.6150

■ 212.3870, -6.0040,
-12.3400

■ 224.1270,
-11.5040, -22.8000

Harmonies

Analogous

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



117.7740, -53.2840, 40.5720



118.4450, 35.0620, 69.4460



85.9000, 97.4130, 90.3490

Triad

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



118.4450, 35.0620, 69.4460



114.7250, 59.6090, -28.5430



109.4990, -100.2680, -22.0600

Complementary

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



118.4450, 35.0620, 69.4460



143.5550, -35.0620, -69.4460

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.



100.9320, -77.5230, -43.3070



118.4450, 35.0620, 69.4460



105.5460, 13.8560, -52.8960

Square

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



118.4450, 35.0620, 69.4460



110.8910, 98.2090, -1.2070



89.3330, -51.7520, -64.3280



112.8340, -116.5480, -2.3400

Rectangle

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



118.4450, 35.0620, 69.4460



90.6570, 110.4380, 69.0460



89.3330, -51.7520, -64.3280



106.8770, -92.8850, -29.2130

Sweetspot

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



118.4450, 35.0620, 69.4460



224.7640, 13.4290, 26.4610



81.6240, -44.1140, 39.5820



109.5040, 7.9290, 16.0010



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.



118.4450, 35.0620, 69.4460



132.2950, 54.5410, 107.4130



112.1600, 57.0730, 50.4890



93.7170, 2.4750, 4.7070



66.4220, 43.0370, 84.6130



14.5690, 9.3040, 18.6160

Inverse Universe

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



104.4080, 78.9010, 29.3410



110.4630, 121.7670, 45.4390



149.8400, -57.0730, -50.4890



92.6910, 5.3640, 1.9080



49.1930, 95.8640, 35.8000



10.8780, 21.1350, 7.9430

Previews

White Background



This preview shows how the YIQ color 118.4450, 35.0620, 69.4460 looks on a white background.

Color Contrast Check

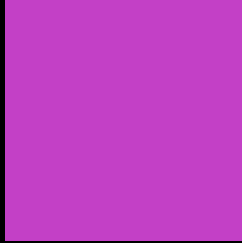
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.4450, 35.0620, 69.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

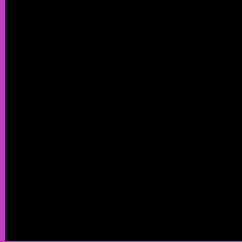
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.4450, 35.0620, 69.4460

Background



This preview shows how black text looks on a background with the YIQ color 118.4450, 35.0620, 69.4460.



This preview shows how white text looks on a background with the YIQ color 118.4450, 35.0620,

69.4460.

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

118.4450, 35.0620, 69.4460

Protanopia

103.6320, -100.4590, 19.9650

Deuteranopia

119.4720, -41.7710, 13.6290



Tritanopia

122.4090, 50.7970, 21.0450

Trichromacy



Original Color

118.4450, 35.0620, 69.4460



Protanomaly

108.8620, -50.7160, 38.0840



Deuteranomaly

119.1480, -13.7150, 33.8130



Tritanomaly

121.1380, 44.9710, 38.5310

Monochromacy



Original Color

118.4450, 35.0620, 69.4460



Achromatopsia

118.0000, 0.0000, -0.0000



Achromatomaly

117.9380, 12.8790, 25.4150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.4450, 35.0620, 69.4460 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(195, 64, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 64, 198)  
}
```

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(195, 64, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 64, 198) }
```

Border

The CSS property to change the border of an element to YIQ 118.4450, 35.0620, 69.4460 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(195, 64, 198) }
```


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

```
.border{ border-color:rgb(195, 64, 198) }
```

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

Here you see how a box with a 4 pixel rgb(195, 64, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 64, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 64, 198);  
box-shadow:4px 4px 4px 4px rgb(195, 64,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 118.4450, 35.0620, 69.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 64, 198) }
```

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

```
.background{ background-color: rgb(195, 64,  
198) }
```

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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