

Converting Colors

YIQ(119.1350, 42.1670, 78.3510)

Have a look what the booklet for
YIQ(119.1350, 42.1670, 78.3510)
contains.

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Color

**YIQ(119.1350, 42.1670,
78.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	D039CE
RGB	208, 57, 206
RGB Percent	82%, 22%, 81%
CMY	0.1839, 0.7767, 0.1921
CMYK	0.00, 0.73, 0.01, 0.18
HSL	301°, 62%, 52%
HSV	301°, 73%, 82%
XYZ	38.6470, 20.8035, 60.3795
YIQ	119.1350, 42.1670, 78.3510

Conversions

Conversions Part 2

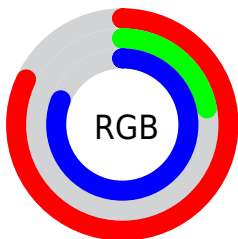
Format	Color
R_{YB}	208, 57, 206
Decimal	13646286
CIE _{Lab}	52.73, 74.16, -45.81
CIE _{LCh}	53, 87.162, 328.296
Yxy	20.8035, 0.3225, 0.1736
Android (android.graphics.Color)	4291836366 (0xFFD039CE)
YUV	119.1350, 42.8244, 77.9346
Hunter-Lab	45.6109, 71.4278, -46.5603

Details

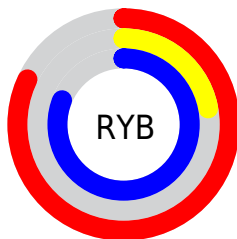
The YIQ color **119.1350, 42.1670, 78.3510** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **145.8650, -42.1670, -78.3510**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5810, 37.6750, 71.6510**, and **61.7650, 40.3330, 78.5490** is the 20% darker color. If you saturate the color by 10%, you get **106.8080, 47.9420, 89.3340**, and if you desaturate by 10%, it is **131.4620, 36.3920, 67.3680**.

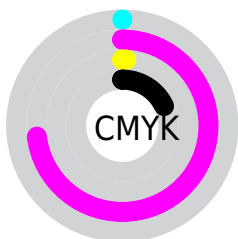
Distribution



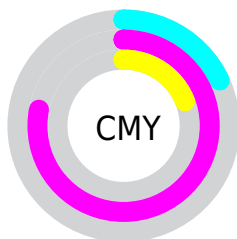
- Red (82%)
- Green (22%)
- Blue (81%)



- Red (82%)
- Yellow (22%)
- Blue (81%)



- Cyan (0%)
- Magenta (73%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (78%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.1350, 42.1670, 78.3510 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 119.1350, 42.1670, 78.3510 by changing the saturation by 10% instead.

■ 119.1350, 42.1670,
78.3510

■ 119.1350, 42.1670,
78.3510

■ 255.0000, -0.0000,
-0.0000

■ 79.6830, 46.7960,
88.0760

■ 174.5810, 37.6750,
71.6510

■ 62.0640, 40.9290,
78.7610

■ 192.1910, 29.4250,
55.9610

■ 50.4290, 31.9910,
64.5270

■ 209.2140, 21.4500,
40.7940

■ 39.0930, 23.6490,
50.5050

■ 226.2370, 13.4750,
25.6270

■ 28.2840, 15.2610,
37.3170

■ 243.8470, 5.2250,
9.9370

■ 17.1760, 6.2770,
23.9170

■ 4.3660, -9.5380,

7.6620

■ 0.0000, 0.0000,
0.0000

■ 119.1350, 42.1670,
78.3510

■ 119.1350, 42.1670,
78.3510

■ 106.8080, 47.9420,
89.3340

■ 131.4620, 36.3920,
67.3680

■ 94.3670, 54.0380,
100.0060

■ 143.9030, 30.2960,
56.6960

■ 85.5620, 58.1630,
107.8510

■ 155.6430, 24.7960,
46.2360

■ 167.9700, 19.0210,
35.2530

■ 180.2970, 13.2460,
24.2700

■ 192.7380, 7.1500,
13.5980

■ 205.0650, 1.3750,
2.6150

■ 216.8050, -4.1250,
-7.8450

■ 229.2460,
-10.2210, -18.5170

Harmonies

Analogous

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



121.7680, -53.1470, 43.5970



119.1350, 42.1670, 78.3510



89.7270, 105.3900, 94.4620

Triad

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



119.1350, 42.1670, 78.3510



118.5570, 60.0220, -30.5220



114.5030, -106.0910, -21.1550

Complementary

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



119.1350, 42.1670, 78.3510



145.8650, -42.1670, -78.3510

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.



105.1380, -81.0990, -44.5790



119.1350, 42.1670, 78.3510



107.8720, 9.8220, -56.8820

Square

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



119.1350, 42.1670, 78.3510



114.4570, 102.4270, -0.5570



92.7410, -53.0810, -67.7770



118.1800, -123.3340, -0.5020

Rectangle

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



119.1350, 42.1670, 78.3510



84.9240, 123.2280, 79.5480



92.7410, -53.0810, -67.7770



111.6530, -98.0660, -28.9300

Sweetspot

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



119.1350, 42.1670, 78.3510



222.0140, 15.7210, 28.9770



74.2140, -48.4710, 46.9610



107.9280, 9.6710, 17.4710



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.



119.1350, 42.1670, 78.3510



124.3440, 62.0130, 115.1730



110.8130, 65.6000, 55.6480



98.4290, 3.3460, 5.4420



69.1560, 46.8420, 87.2420



16.8190, 11.5960, 21.1320

Inverse Universe

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



119.1350, 42.1670, 78.3510



124.3440, 62.0130, 115.1730



154.3010, -65.9210, -55.3370



98.4290, 3.3460, 5.4420



69.1560, 46.8420, 87.2420



16.8190, 11.5960, 21.1320

Previews

White Background



This preview shows how the YIQ color 119.1350, 42.1670, 78.3510 looks on a white background.

Color Contrast Check

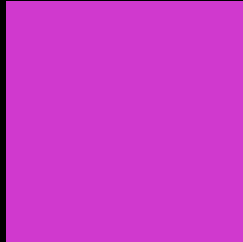
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.1350, 42.1670, 78.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

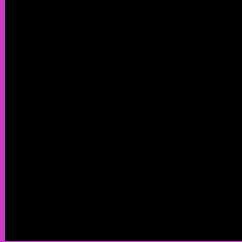
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.1350, 42.1670, 78.3510

Background



This preview shows how black text looks on a background with the YIQ color 119.1350, 42.1670, 78.3510.



This preview shows how white text looks on a background with the YIQ color 119.1350, 42.1670,

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

119.1350, 42.1670, 78.3510

Protanopia

109.6540, -97.5250, 21.8590

Deuteranopia

123.5150, -43.3300, 14.3500



Tritanopia

125.2960, 58.5450, 23.8010

Trichromacy



Original Color

119.1350, 42.1670, 78.3510



Protanomaly

112.9490, -46.4070, 42.5930



Deuteranomaly

122.1530, -12.1110, 37.7850



Tritanomaly

123.1930, 52.3060, 43.2660

Monochromacy



Original Color

119.1350, 42.1670, 78.3510



Achromatopsia

119.0000, -0.0000, 0.0000



Achromatomaly

118.7150, 15.1250, 28.7650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.1350, 42.1670, 78.3510 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(208, 57, 206)` looks like.

```
.text, #text, p{  
    color:rgb(208, 57, 206)  
}
```

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(208, 57, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 57, 206) }
```

Border

The CSS property to change the border of an element to YIQ 119.1350, 42.1670, 78.3510 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(208, 57, 206) }
```


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

```
.border{ border-color:rgb(208, 57, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 57, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 57, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 57, 206);  
box-shadow:4px 4px 4px 4px rgb(208, 57,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 119.1350, 42.1670, 78.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 57, 206) }
```

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

```
.background{ background-color: rgb(208, 57,  
206) }
```

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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