

Converting Colors

YIQ(111.5940, 52.8550, 49.8390)

Have a look what the booklet for
YIQ(111.5940, 52.8550, 49.8390)
contains.

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Color

**YIQ(111.5940, 52.8550,
49.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	C1418A
RGB	193, 65, 138
RGB Percent	76%, 25%, 54%
CMY	0.2428, 0.7453, 0.4587
CMYK	0.00, 0.66, 0.29, 0.24
HSL	326°, 51%, 51%
HSV	326°, 66%, 76%
XYZ	28.4926, 16.9597, 25.8314
YIQ	111.5940, 52.8550, 49.8390

Conversions

Conversions Part 2

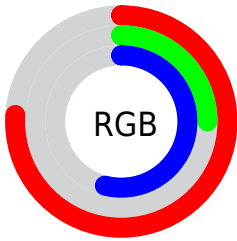
Format	Color
RYB	193, 65, 138
Decimal	12665226
CIELab	48.21, 57.87, -13.11
CIELCh	48, 59.334, 347.239
Yxy	16.9597, 0.3997, 0.2379
Android (android.graphics.Color)	4290855306 (0xFFC1418A)
YUV	111.5940, 13.0182, 71.3931
Hunter-Lab	41.1822, 51.4293, -8.3619

Details

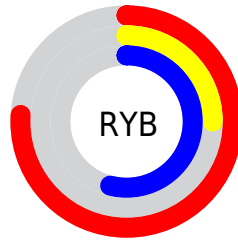
The YIQ color **111.5940, 52.8550, 49.8390** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **146.4060, -52.8550, -49.8390**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4480, 56.2020, 49.7540**, and **50.3970, 52.2120, 55.9880** is the 20% darker color. If you saturate the color by 10%, you get **99.5290, 60.6480, 57.2880**, and if you desaturate by 10%, it is **123.6590, 45.0620, 42.3900**.

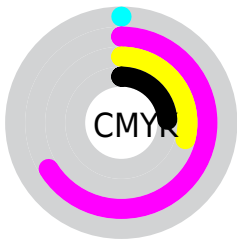
Distribution



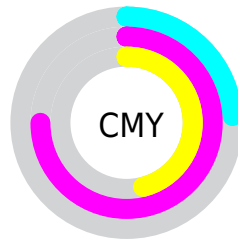
- Red (76%)
- Green (25%)
- Blue (54%)



- Red (76%)
- Yellow (25%)
- Blue (54%)



- Cyan (0%)
- Magenta (66%)
- Yellow (29%)
- Black (24%)




- Cyan (24%)
- Magenta (75%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.5940, 52.8550, 49.8390 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 111.5940, 52.8550, 49.8390 by changing the saturation by 10% instead.


 111.5940, 52.8550,
49.8390


 111.5940, 52.8550,
49.8390


255.0000, -0.0000,
-0.0000


 81.8760, 52.1210,
52.1290


 168.5620, 55.8810,
50.0650


 50.6960, 52.8080,
56.2000


 188.6740, 40.7060,
44.2420


 39.4030, 42.9070,
42.8990


 208.4160, 23.6970,
38.6170

 28.8220, 33.8770,
30.3330

 226.2370, 13.4750,
25.6270

 18.9530, 25.7180,
18.5020

 243.2600, 5.5000,
10.4600

 5.0830, 10.1320,
3.6040

 0.0000, 0.0000,

0.0000

■ 111.5940, 52.8550,
49.8390

■ 111.5940, 52.8550,
49.8390

■ 99.5290, 60.6480,
57.2880

■ 123.6590, 45.0620,
42.3900

■ 86.7630, 69.0370,
64.9490

■ 136.4250, 36.6730,
34.7290

■ 74.6980, 76.8300,
72.3980

■ 148.4900, 28.8800,
27.2800

■ 70.2470, 79.7180,
75.1260

■ 160.5550, 21.0870,
19.8310

■ 172.7340, 12.9730,
12.6930

■ 185.3860, 4.9050,
4.7210

■ 197.4510, -2.8880,
-2.7280

■ 209.5160,
-10.6810, -10.1770

■ 222.2820,
-19.0700, -17.8380

Harmonies

Analogous

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



117.3790, 7.9240, 43.6360



111.5940, 52.8550, 49.8390



107.7100, 75.4150, 37.4550

Triad

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



111.5940, 52.8550, 49.8390



104.2160, 32.8810, -39.7510



100.5630, -97.1520, -12.4480

Complementary

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



111.5940, 52.8550, 49.8390



146.4060, -52.8550, -49.8390

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.



96.7210, -83.5780, -27.1780



111.5940, 52.8550, 49.8390



95.5100, -20.8530, -46.1090

Square

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



111.5940, 52.8550, 49.8390



107.3930, 63.7800, -21.5320



90.2060, -66.6110, -42.8270



98.2440, -103.0230, 0.3450

Rectangle

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



111.5940, 52.8550, 49.8390



109.0130, 78.2150, 19.7430



90.2060, -66.6110, -42.8270



99.6680, -93.2540, -17.0140

Sweetspot

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



111.5940, 52.8550, 49.8390



218.1420, 20.8120, 19.3080



95.4390, -9.5000, 51.0440



105.9080, 12.4230, 11.6470



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.5940, 52.8550, 49.8390



122.7960, 82.6060, 77.8540



104.5260, 72.7570, 30.5570



90.6740, 4.0340, 3.9860



58.6270, 66.4240, 62.7440



12.0330, 13.5690, 12.9050

Inverse Universe

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



111.5940, 52.8550, 49.8390



122.7960, 82.6060, 77.8540



153.4740, -72.7570, -30.5570



90.6740, 4.0340, 3.9860



58.6270, 66.4240, 62.7440



12.0330, 13.5690, 12.9050

Previews

White Background



This preview shows how the YIQ color 111.5940, 52.8550, 49.8390 looks on a white 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

Black Background



This preview shows how the YIQ color 111.5940, 52.8550, 49.8390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

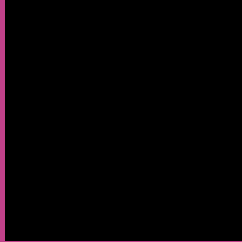
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.5940, 52.8550, 49.8390

Background



This preview shows how black text looks on a background with the YIQ color 111.5940, 52.8550, 49.8390.



This preview shows how white text looks on a background with the YIQ color 111.5940, 52.8550,

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

111.5940, 52.8550, 49.8390

Protanopia

114.4580, -29.9880, 14.8440

Deuteranopia

116.2590, -1.9270, 7.3930



Tritanopia

112.4600, 63.9550, 24.8750

Trichromacy



Original Color

111.5940, 52.8550, 49.8390

Protanomaly

113.7610, 0.3160, 27.3240

Deuteranomaly

114.6950, 17.8770, 22.9410

Tritanomaly

112.1040, 59.5060, 33.9220

Monochromacy



Original Color

111.5940, 52.8550, 49.8390

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.7180, 19.0700, 17.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.5940, 52.8550, 49.8390 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(193, 65, 138)` looks like.

```
.text, #text, p{  
    color:rgb(193, 65, 138)  
}
```

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(193, 65, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 65, 138) }
```

Border

The CSS property to change the border of an element to YIQ 111.5940, 52.8550, 49.8390 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(193, 65, 138) }
```


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

```
.border{ border-color:rgb(193, 65, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 65, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 65, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 65, 138);  
box-shadow:4px 4px 4px 4px rgb(193, 65,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 111.5940, 52.8550, 49.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 65, 138) }
```

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

```
.background{ background-color: rgb(193, 65,  
138) }
```

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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