

Converting Colors

YIQ(114.1110, 58.7690, 52.7930)

Have a look what the booklet for
YIQ(114.1110, 58.7690, 52.7930)
contains.

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Color

**YIQ(114.1110, 58.7690,
52.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	CB408B
RGB	203, 64, 139
RGB Percent	80%, 25%, 55%
CMY	0.2035, 0.7492, 0.4547
CMYK	0.00, 0.69, 0.32, 0.20
HSL	328°, 57%, 52%
HSV	328°, 69%, 80%
XYZ	31.1484, 18.2356, 26.3213
YIQ	114.1110, 58.7690, 52.7930

Conversions

Conversions Part 2

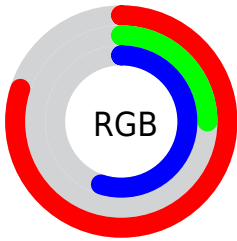
Format	Color
R_{YB}	203, 64, 139
Decimal	13320331
CIE _{Lab}	49.78, 61.18, -11.17
CIE _{LCh}	50, 62.197, 349.650
Yxy	18.2356, 0.4114, 0.2409
Android (android.graphics.Color)	4291510411 (0xFFCB408B)
YUV	114.1110, 12.2703, 77.9557
Hunter-Lab	42.7032, 55.4701, -6.6528

Details

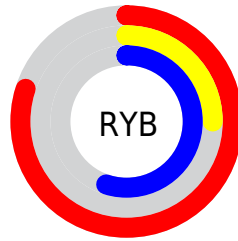
The YIQ color **114.1110, 58.7690, 52.7930** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **152.8890, -58.7690, -52.7930**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1600, 57.0730, 50.4890**, and **53.5010, 57.8510, 58.4190** is the 20% darker color. If you saturate the color by 10%, you get **101.3450, 67.1580, 60.4540**, and if you desaturate by 10%, it is **126.8770, 50.3800, 45.1320**.

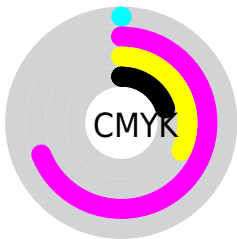
Distribution



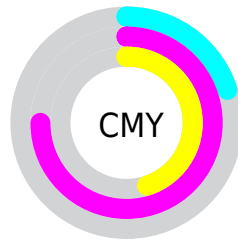
- Red (80%)
- Green (25%)
- Blue (55%)



- Red (80%)
- Yellow (25%)
- Blue (55%)



- Cyan (0%)
- Magenta (69%)
- Yellow (32%)
- Black (20%)





- Cyan (20%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.1110, 58.7690, 52.7930 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 114.1110, 58.7690, 52.7930 by changing the saturation by 10% instead.


 114.1110, 58.7690,
52.7930


 114.1110, 58.7690,
52.7930


255.0000, -0.0000,
-0.0000


 83.2190, 58.5850,
56.1290


 169.2740, 56.7520,
50.8000


 53.5010, 57.8510,
58.4190


 188.7880, 40.3850,
44.5530

 42.2080, 47.9500,
45.1180


 209.1170, 23.1010,
38.4050

 31.3280, 38.3240,
32.3400

 226.8240, 13.2000,
25.1040

 21.5730, 29.8440,
20.8200

 243.8470, 5.2250,
9.9370

 9.3830, 18.1550,
6.8830

 0.0000, 0.0000,

0.0000

■ 114.1110, 58.7690,
52.7930

■ 114.1110, 58.7690,
52.7930

■ 101.3450, 67.1580,
60.4540

■ 126.8770, 50.3800,
45.1320

■ 87.8780, 76.1430,
68.3270

■ 140.3440, 41.3950,
37.2590

■ 75.1120, 84.5320,
75.9880

■ 153.1100, 33.0060,
29.5980

■ 73.2370, 85.6780,
77.2460

■ 165.8760, 24.6170,
21.9370

■ 178.7560, 15.9070,
14.5870

■ 192.1090, 7.2430,
6.4030

■ 204.8750, -1.1460,
-1.2580

■ 217.7550, -9.8560,
-8.6080

■ 231.1080,
-18.5200, -16.7920

Harmonies

Analogous

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



121.2380, 12.8750, 47.5230



114.1110, 58.7690, 52.7930



110.4610, 80.5500, 38.0060

Triad

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



114.1110, 58.7690, 52.7930



106.8520, 30.9100, -42.5780



104.1650, -101.7830, -11.1190

Complementary

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



114.1110, 58.7690, 52.7930



152.8890, -58.7690, -52.7930

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.



100.7960, -88.1630, -26.6830



114.1110, 58.7690, 52.7930



95.6120, -30.0680, -49.8120

Square

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



114.1110, 58.7690, 52.7930



111.2250, 64.1930, -23.5110



93.9390, -70.2330, -43.2650



101.7320, -107.3330, 1.3630

Rectangle

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



114.1110, 58.7690, 52.7930



112.2260, 81.9290, 18.5130



93.9390, -70.2330, -43.2650



103.8570, -98.1600, -16.2080

Sweetspot

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



114.1110, 58.7690, 52.7930



220.4520, 22.8750, 20.4670



98.6830, -7.0710, 56.5850



107.5060, 13.6150, 12.0710



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.



114.1110, 58.7690, 52.7930



121.3730, 88.2910, 79.4510



106.3590, 80.5970, 31.6450



95.5600, 4.3550, 3.6750



59.7800, 70.3670, 62.8710



13.7560, 15.9070, 14.5870

Inverse Universe

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



114.1110, 58.7690, 52.7930



121.3730, 88.2910, 79.4510



160.6410, -80.5970, -31.6450



95.5600, 4.3550, 3.6750



59.7800, 70.3670, 62.8710



13.7560, 15.9070, 14.5870

Previews

White Background



This preview shows how the YIQ color 114.1110, 58.7690, 52.7930 looks on a white background.

Color Contrast Check

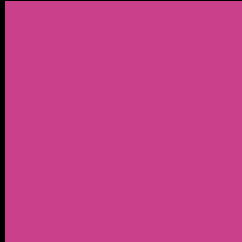
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.1110, 58.7690, 52.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

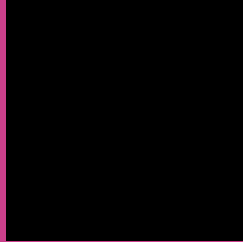
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.1110, 58.7690, 52.7930

Background



This preview shows how black text looks on a background with the YIQ color 114.1110, 58.7690, 52.7930.



This preview shows how white text looks on a background with the YIQ color 114.1110, 58.7690,

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

114.1110, 58.7690, 52.7930

Protanopia

118.3440, -29.6670, 14.5330

Deuteranopia

120.5150, 0.2280, 6.8840



Tritanopia

114.7490, 70.5110, 27.2070

Trichromacy



Original Color

114.1110, 58.7690, 52.7930

Protanomaly

117.0710, 2.3790, 28.4830

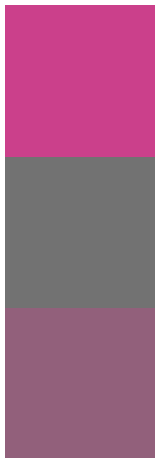
Deuteranomaly

118.0760, 21.1780, 23.6900

Tritanomaly

114.3930, 66.0620, 36.2540

Monochromacy



Original Color

114.1110, 58.7690, 52.7930

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0280, 21.1330, 18.9970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.1110, 58.7690, 52.7930 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(203, 64, 139)` looks like.

```
.text, #text, p{  
    color:rgb(203, 64, 139)  
}
```

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(203, 64, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 64, 139) }
```

Border

The CSS property to change the border of an element to YIQ 114.1110, 58.7690, 52.7930 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(203, 64, 139) }
```


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

```
.border{ border-color:rgb(203, 64, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 64, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 64, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 64, 139);  
box-shadow:4px 4px 4px 4px rgb(203, 64,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 114.1110, 58.7690, 52.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 64, 139) }
```

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

```
.background{ background-color: rgb(203, 64,  
139) }
```

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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