

Converting Colors

YIQ(108.3090, 58.8120, 68.5400)

Have a look what the booklet for
YIQ(108.3090, 58.8120, 68.5400)
contains.

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Color

**YIQ(108.3090, 58.8120,
68.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	CF30A0
RGB	207, 48, 160
RGB Percent	81%, 19%, 63%
CMY	0.1878, 0.8120, 0.3724
CMYK	0.00, 0.77, 0.23, 0.19
HSL	318°, 62%, 50%
HSV	318°, 77%, 81%
XYZ	33.1667, 17.9297, 34.9876
YIQ	108.3090, 58.8120, 68.5400

Conversions

Conversions Part 2

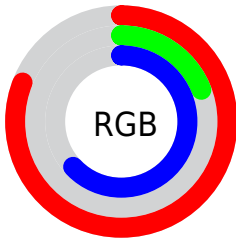
Format	Color
R_{YB}	207, 48, 160
Decimal	13578400
CIE _{Lab}	49.41, 70.07, -24.21
CIE _{LCh}	49, 74.134, 340.939
Yxy	17.9297, 0.3853, 0.2083
Android (android.graphics.Color)	4291768480 (0xFFCF30A0)
YUV	108.3090, 25.4837, 86.5520
Hunter-Lab	42.3435, 65.7141, -19.3497

Details

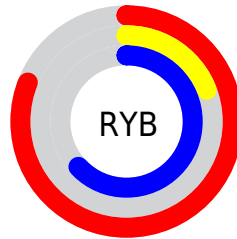
The YIQ color **108.3090, 58.8120, 68.5400** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **146.6910, -58.8120, -68.5400**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3250, 52.7150, 63.3950**, and **56.5640, 53.5400, 64.9640** is the 20% darker color. If you saturate the color by 10%, you get **95.2980, 66.5130, 77.6570**, and if you desaturate by 10%, it is **121.3200, 51.1110, 59.4230**.

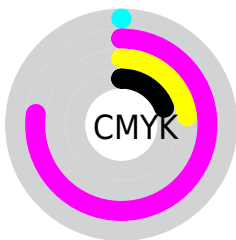
Distribution



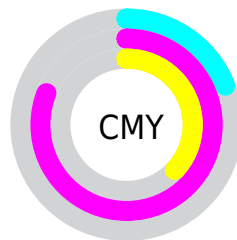
- Red (81%)
- Green (19%)
- Blue (63%)



- Red (81%)
- Yellow (19%)
- Blue (63%)



- Cyan (0%)
- Magenta (77%)
- Yellow (23%)
- Black (19%)




- Cyan (19%)
- Magenta (81%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.3090, 58.8120, 68.5400 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 108.3090, 58.8120, 68.5400 by changing the saturation by 10% instead.


 108.3090, 58.8120,
68.5400


 108.3090, 58.8120,
68.5400

255.0000, -0.0000,
-0.0000


 68.1990, 62.4780,
79.1980


 165.3250, 52.7150,
63.3950


 56.5640, 53.5400,
64.9640


 185.6540, 35.4310,
57.2470

 45.4560, 44.5560,
51.5640


 204.5180, 23.6500,
44.9780

 34.0490, 34.9760,
37.9520

 221.5410, 15.6750,
29.8110

 24.1800, 26.8170,
26.1210

 238.5640, 7.7000,
14.6440

 12.4740, 16.6410,
12.2970

 0.0000, 0.0000,

0.0000

■ 108.3090, 58.8120,
68.5400

■ 108.3090, 58.8120,
68.5400

■ 95.2980, 66.5130,
77.6570

■ 121.3200, 51.1110,
59.4230

■ 82.8740, 73.9390,
86.2510

■ 133.7440, 43.6850,
50.8290

■ 78.5370, 76.5060,
89.2900

■ 146.7550, 35.9840,
41.7120

■ 159.8800, 27.9620,
32.9060

■ 172.8910, 20.2610,
23.7890

■ 185.3150, 12.8350,
15.1950

■ 198.3260, 5.1340,
6.0780

■ 211.3370, -2.5670,
-3.0390

■ 223.7610, -9.9930,
-11.6330

Harmonies

Analogous

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



119.7060, -5.8780, 51.4820



108.3090, 58.8120, 68.5400



96.2420, 95.3090, 62.3890

Triad

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



108.3090, 58.8120, 68.5400



108.0920, 39.1620, -37.9420



106.6270, -103.2040, -12.9000

Complementary

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



108.3090, 58.8120, 68.5400



146.6910, -58.8120, -68.5400

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.



100.4880, -84.5400, -31.7720



108.3090, 58.8120, 68.5400



92.4010, -10.9010, -61.2770

Square

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



108.3090, 58.8120, 68.5400



110.4380, 77.0750, -14.6770



91.6760, -62.4830, -51.5630



106.8500, -113.4770, 2.5790

Rectangle

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



108.3090, 58.8120, 68.5400



102.8020, 98.5230, 37.1710



91.6760, -62.4830, -51.5630



105.1620, -97.7010, -19.0210

Sweetspot

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



108.3090, 58.8120, 68.5400



218.4290, 21.6820, 25.5700



79.5810, -24.2190, 58.9890



105.6140, 13.4310, 15.4070



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.



108.3090, 58.8120, 68.5400



109.1890, 86.7740, 101.4460



99.4170, 83.8500, 44.2820



98.0870, 4.3090, 4.5090



63.7980, 61.9290, 72.6250



15.5650, 15.1270, 17.7110

Inverse Universe

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



108.3090, 58.8120, 68.5400



109.1890, 86.7740, 101.4460



155.5830, -83.8500, -44.2820



98.0870, 4.3090, 4.5090



63.7980, 61.9290, 72.6250



15.5650, 15.1270, 17.7110

Previews

White Background



This preview shows how the YIQ color 108.3090, 58.8120, 68.5400 looks on a white background.

Color Contrast Check

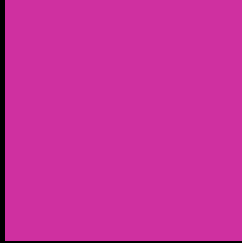
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.3090, 58.8120, 68.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

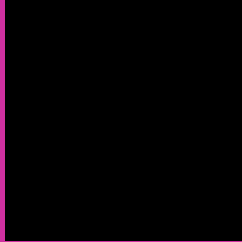
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 108.3090, 58.8120, 68.5400

Background



This preview shows how black text looks on a background with the YIQ color 108.3090, 58.8120, 68.5400.



This preview shows how white text looks on a background with the YIQ color 108.3090, 58.8120,

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

108.3090, 58.8120, 68.5400

Protanopia

113.0160, -57.6820, 21.1500

Deuteranopia

118.7940, -13.6190, 10.0370



Tritanopia

112.9450, 72.8950, 28.0550

Trichromacy



Original Color

108.3090, 58.8120, 68.5400



Protanomaly

111.4130, -15.7790, 38.1810



Deuteranomaly

114.9260, 13.1530, 31.4650



Tritanomaly

111.2780, 68.1240, 42.9400

Monochromacy



Original Color

108.3090, 58.8120, 68.5400



Achromatopsia

108.0000, -0.0000, 0.0000



Achromatomaly

108.0160, 21.4070, 25.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.3090, 58.8120, 68.5400 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(207, 48, 160)` looks like.

```
.text, #text, p{  
    color:rgb(207, 48, 160)  
}
```

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(207, 48, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 48, 160) }
```

Border

The CSS property to change the border of an element to YIQ 108.3090, 58.8120, 68.5400 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(207, 48, 160) }
```


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

```
.border{ border-color:rgb(207, 48, 160) }
```

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

Here you see how a box with a 4 pixel rgb(207, 48, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 48, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 48, 160);  
box-shadow:4px 4px 4px 4px rgb(207, 48,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 108.3090, 58.8120, 68.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 48, 160) }
```

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

```
.background{ background-color: rgb(207, 48,  
160) }
```

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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