

Converting Colors

YIQ(111.0680, 60.3280, 52.0720)

Have a look what the booklet for
YIQ(111.0680, 60.3280, 52.0720)
contains.

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Color

**YIQ(111.0680, 60.3280,
52.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	C93D85
RGB	201, 61, 133
RGB Percent	79%, 24%, 52%
CMY	0.2114, 0.7610, 0.4782
CMYK	0.00, 0.70, 0.34, 0.21
HSL	329°, 57%, 51%
HSV	329°, 70%, 79%
XYZ	30.0158, 17.4568, 23.9948
YIQ	111.0680, 60.3280, 52.0720

Conversions

Conversions Part 2

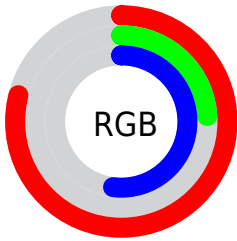
Format	Color
RYB	201, 61, 133
Decimal	13188485
CIELab	48.83, 61.05, -9.03
CIElCh	49, 61.714, 351.589
Yxy	17.4568, 0.4200, 0.2443
Android (android.graphics.Color)	4291378565 (0xFFC93D85)
YUV	111.0680, 10.8125, 78.8704
Hunter-Lab	41.7814, 55.1172, -4.8029

Details

The YIQ color **111.0680, 60.3280, 52.0720** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **150.9320, -60.3280, -52.0720**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7150, 59.8240, 50.1920**, and **52.0340, 57.6680, 56.2280** is the 20% darker color. If you saturate the color by 10%, you get **98.1880, 69.0380, 59.4220**, and if you desaturate by 10%, it is **123.9480, 51.6180, 44.7220**.

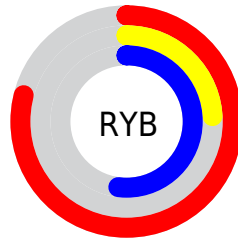
Distribution



Red (79%)

Green (24%)

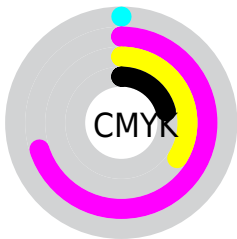
Blue (52%)



Red (79%)

Yellow (24%)

Blue (52%)

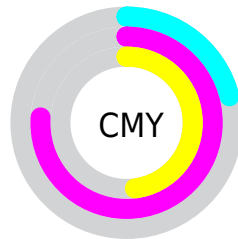


Cyan (0%)

Magenta (70%)

Yellow (34%)

Black (21%)



Cyan (21%)


Magenta (76%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.0680, 60.3280, 52.0720 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 111.0680, 60.3280, 52.0720 by changing the saturation by 10% instead.


 111.0680, 60.3280,
52.0720


 111.0680, 60.3280,
52.0720


255.0000, -0.0000,
-0.0000


 79.0020, 60.6940,
56.4540


 166.7150, 59.8240,
50.1920


 52.3330, 58.2640,
56.4400


 186.9300, 42.8610,
43.7330


 40.9260, 48.6840,
42.8280


 206.5580, 26.1730,
37.7970

 30.1600, 38.7370,
30.3610

 225.0630, 14.0250,
26.6730

 19.9920, 29.9820,
18.3180

 242.0860, 6.0500,
11.5060

 7.8880, 15.1750,
5.8230

 0.0000, 0.0000,

0.0000

■ 111.0680, 60.3280,
52.0720

■ 111.0680, 60.3280,
52.0720

■ 98.1880, 69.0380,
59.4220

■ 123.9480, 51.6180,
44.7220

■ 85.4220, 77.4270,
67.0830

■ 136.8280, 42.9080,
37.3720

■ 72.5420, 86.1370,
74.4330

■ 149.5940, 34.5190,
29.7110

■ 71.8410, 86.7330,
74.6450

■ 162.4740, 25.8090,
22.3610

■ 175.3540, 17.0990,
15.0110

■ 188.8210, 8.1140,
7.1380

■ 201.5870, -0.2750,
-0.5230

■ 214.4670, -8.9850,
-7.8730

■ 227.3470,
-17.6950, -15.2230

Harmonies

Analogous

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



118.5050, 16.4970, 47.9610



111.0680, 60.3280, 52.0720



108.1080, 80.0460, 36.1260

Triad

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



111.0680, 60.3280, 52.0720



104.4710, 27.6090, -43.3270



102.2900, -100.6370, -9.8610

Complementary

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



111.0680, 60.3280, 52.0720



150.9320, -60.3280, -52.0720

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.



99.6220, -87.6130, -25.6370



111.0680, 60.3280, 52.0720



90.6650, -37.5870, -51.2110

Square

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



111.0680, 60.3280, 52.0720



108.8440, 60.8920, -24.2600



92.8790, -70.0040, -41.9080



99.6290, -105.5450, 1.9990

Rectangle

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



111.0680, 60.3280, 52.0720



109.5740, 80.8290, 16.4210



92.8790, -70.0040, -41.9080



102.0960, -97.3350, -14.6390

Sweetspot

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



111.0680, 60.3280, 52.0720



220.3380, 23.1960, 20.1560



97.2920, -4.4120, 57.9560



107.3920, 13.9360, 11.7600



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.



111.0680, 60.3280, 52.0720



117.5260, 92.2340, 79.5780



103.0880, 82.7980, 30.3020



93.2610, 3.7590, 3.4630



58.3130, 70.1840, 60.6800



12.8160, 15.6780, 13.2300

Inverse Universe

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



111.0680, 60.3280, 52.0720



117.5260, 92.2340, 79.5780



158.9120, -82.7980, -30.3020



93.2610, 3.7590, 3.4630



58.3130, 70.1840, 60.6800



12.8160, 15.6780, 13.2300

Previews

White Background



This preview shows how the YIQ color 111.0680, 60.3280, 52.0720 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 111.0680, 60.3280, 52.0720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

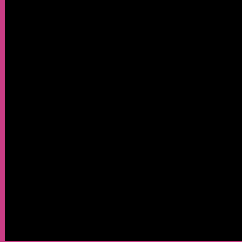
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.0680, 60.3280, 52.0720

Background



This preview shows how black text looks on a background with the YIQ color 111.0680, 60.3280, 52.0720.



This preview shows how white text looks on a background with the YIQ color 111.0680, 60.3280,

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

111.0680, 60.3280, 52.0720

Protanopia

116.4860, -27.1910, 13.7130

Deuteranopia

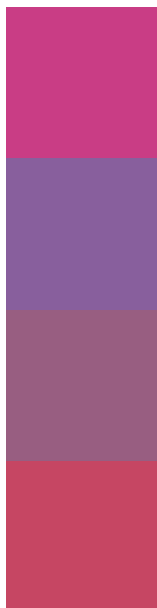
117.7710, 2.3830, 6.3750



Tritanopia

111.9340, 71.4280, 27.1080

Trichromacy



Original Color

111.0680, 60.3280, 52.0720

Protanomaly

114.3270, 4.5340, 27.9740

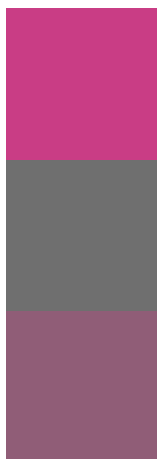
Deuteranomaly

115.3320, 23.3330, 23.1810

Tritanomaly

111.5780, 66.9790, 36.1550

Monochromacy



Original Color

111.0680, 60.3280, 52.0720

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.2130, 22.0500, 18.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.0680, 60.3280, 52.0720 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(201, 61, 133)` looks like.

```
.text, #text, p{  
    color:rgb(201, 61, 133)  
}
```

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(201, 61, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 61, 133) }
```

Border

The CSS property to change the border of an element to YIQ 111.0680, 60.3280, 52.0720 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(201, 61, 133) }
```


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

```
.border{ border-color:rgb(201, 61, 133) }
```

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

Here you see how a box with a 4 pixel rgb(201, 61, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 61, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 61, 133);  
box-shadow:4px 4px 4px 4px rgb(201, 61,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 111.0680, 60.3280, 52.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 61, 133) }
```

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

```
.background{ background-color: rgb(201, 61,  
133) }
```

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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