

Converting Colors

YIQ(108.8480, 49.3240, 53.2600)

Have a look what the booklet for
YIQ(108.8480, 49.3240, 53.2600)
contains.

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Color

**YIQ(108.8480, 49.3240,
53.2600)**

Conversions

Conversions Part 1

Format	Color
Hex	BD3D91
RGB	189, 61, 145
RGB Percent	74%, 24%, 57%
CMY	0.2585, 0.7610, 0.4312
CMYK	0.00, 0.68, 0.23, 0.26
HSL	321°, 51%, 49%
HSV	321°, 68%, 74%
XYZ	27.7881, 16.2076, 28.4653
YIQ	108.8480, 49.3240, 53.2600

Conversions

Conversions Part 2

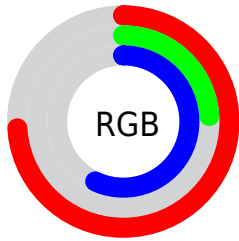
Format	Color
R_{YB}	189, 61, 145
Decimal	12402065
CIE _{Lab}	47.25, 59.24, -18.84
CIE _{LCh}	47, 62.164, 342.359
Yxy	16.2076, 0.3835, 0.2237
Android (android.graphics.Color)	4290592145 (0xFFBD3D91)
YUV	108.8480, 17.8229, 70.2933
Hunter-Lab	40.2587, 52.7552, -13.7406

Details

The YIQ color **108.8480, 49.3240, 53.2600** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **141.1520, -49.3240, -53.2600**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5170, 51.7540, 53.2740**, and **50.1840, 48.4980, 57.2180** is the 20% darker color. If you saturate the color by 10%, you get **97.0110, 56.4750, 61.3310**, and if you desaturate by 10%, it is **120.7990, 41.8520, 45.5000**.

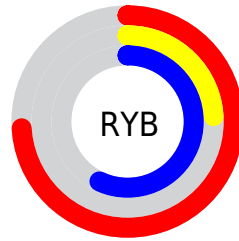
Distribution



Red (74%)

Green (24%)

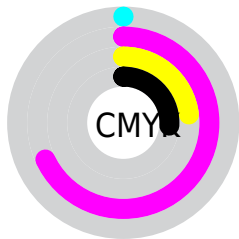
Blue (57%)



Red (74%)

Yellow (24%)

Blue (57%)

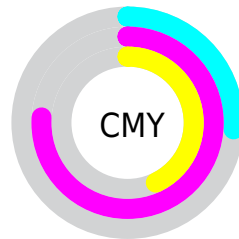


Cyan (0%)

Magenta (68%)

Yellow (23%)

Black (26%)



Cyan (26%)


Magenta (76%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.8480, 49.3240, 53.2600 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 108.8480, 49.3240, 53.2600 by changing the saturation by 10% instead.


 108.8480, 49.3240,
53.2600


 108.8480, 49.3240,
53.2600


255.0000, -0.0000,
-0.0000


 77.8420, 49.4610,
56.2850


 165.5170, 51.7540,
53.2740


 50.1840, 48.4980,
57.2180


 187.2380, 39.2380,
48.8220


 39.1900, 39.1930,
44.1290


 207.4530, 22.2750,
42.3630

 28.4950, 30.4840,
31.2520

 223.8890, 14.5750,
27.7190

 18.6260, 22.3250,
19.4210

 240.9120, 6.6000,
12.5520

 3.2890, 6.5560,
2.3320

 0.0000, 0.0000,

0.0000

■ 108.8480, 49.3240,
53.2600

■ 108.8480, 49.3240,
53.2600

■ 97.0110, 56.4750,
61.3310

■ 120.7990, 41.8520,
45.5000

■ 85.0600, 63.9470,
69.0910

■ 132.6360, 34.7010,
37.4290

■ 73.2230, 71.0980,
77.1620

■ 144.5870, 27.2290,
29.6690

■ 70.6470, 72.8400,
78.6320

■ 156.4240, 20.0780,
21.5980

■ 167.7880, 12.8810,
14.3610

■ 179.6250, 5.7300,
6.2900

■ 191.5760, -1.7420,
-1.4700

■ 203.4130, -8.8930,
-9.5410

■ 215.3640,
-16.3650, -17.3010

Harmonies

Analogous

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



114.8880, -0.8790, 43.4810



108.8480, 49.3240, 53.2600



102.7090, 77.1560, 44.4520

Triad

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



108.8480, 49.3240, 53.2600



102.4770, 36.6400, -36.2880



99.4060, -95.2720, -13.4800

Complementary

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



108.8480, 49.3240, 53.2600



141.1520, -49.3240, -53.2600

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.



94.9940, -80.0930, -29.7650



108.8480, 49.3240, 53.2600



93.9040, -10.3990, -48.3430

Square

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



108.8480, 49.3240, 53.2600



105.3660, 68.4100, -17.3340



87.5500, -61.8880, -45.8240



98.7170, -102.9770, -0.4890

Rectangle

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



108.8480, 49.3240, 53.2600



104.3820, 81.7900, 26.5420



87.5500, -61.8880, -45.8240



98.2830, -90.7320, -18.6680

Sweetspot

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



108.8480, 49.3240, 53.2600



214.2990, 18.9320, 20.3400



88.4490, -15.4600, 48.9240



103.8370, 11.1850, 12.0570



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



108.8480, 49.3240, 53.2600



121.0220, 76.2780, 82.4060



101.6660, 69.5470, 33.6670



88.3750, 3.4380, 3.7740



59.0980, 60.7840, 65.8400



11.5490, 12.0560, 12.7920

Inverse Universe

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



108.8480, 49.3240, 53.2600



121.0220, 76.2780, 82.4060



148.3340, -69.5470, -33.6670



88.3750, 3.4380, 3.7740



59.0980, 60.7840, 65.8400



11.5490, 12.0560, 12.7920

Previews

White Background



This preview shows how the YIQ color 108.8480, 49.3240, 53.2600 looks on a white background.

Color Contrast Check

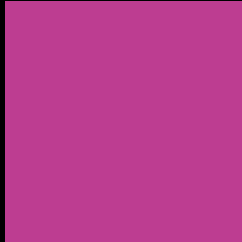
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.8480, 49.3240, 53.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

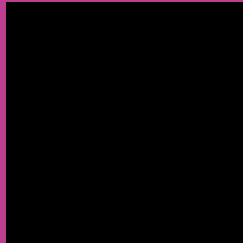
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.8480, 49.3240, 53.2600

Background



This preview shows how black text looks on a background with the YIQ color 108.8480, 49.3240, 53.2600.



This preview shows how white text looks on a background with the YIQ color 108.8480, 49.3240,

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

108.8480, 49.3240, 53.2600

Protanopia

110.5480, -38.9290, 17.1910

Deuteranopia

113.4910, -8.3920, 8.9200



Tritanopia

110.2640, 61.5710, 24.0270

Trichromacy



Original Color

108.8480, 49.3240, 53.2600

Protanomaly

109.7480, -6.8370, 30.3070

Deuteranomaly

111.6390, 12.2830, 25.2030

Tritanomaly

109.9620, 57.0300, 34.7420

Monochromacy



Original Color

108.8480, 49.3240, 53.2600

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.1740, 17.7860, 19.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.8480, 49.3240, 53.2600 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(189, 61, 145)` looks like.

```
.text, #text, p{  
    color:rgb(189, 61, 145)  
}
```

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(189, 61, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 61, 145) }
```

Border

The CSS property to change the border of an element to YIQ 108.8480, 49.3240, 53.2600 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(189, 61, 145) }
```


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

```
.border{ border-color:rgb(189, 61, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 61, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 61, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 61, 145);  
box-shadow:4px 4px 4px 4px rgb(189, 61,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 108.8480, 49.3240, 53.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 61, 145) }
```

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

```
.background{ background-color: rgb(189, 61,  
145) }
```

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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