

Converting Colors

YIQ(59.0850, 53.6310, 68.8230)

Have a look what the booklet for
YIQ(59.0850, 53.6310, 68.8230)
contains.

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Color

**YIQ(59.0850, 53.6310,
68.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	990075
RGB	153, 0, 117
RGB Percent	60%, 0%, 46%
CMY	0.3996, 0.9999, 0.5411
CMYK	0.00, 1.00, 0.24, 0.40
HSL	314°, 100%, 30%
HSV	314°, 100%, 60%
XYZ	16.3706, 8.0682, 17.5337
YIQ	59.0850, 53.6310, 68.8230

Conversions

Conversions Part 2

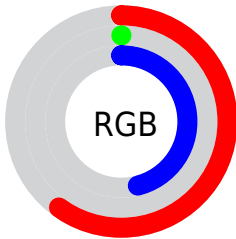
Format	Color
R_{YB}	153, 0, 117
Decimal	10027125
CIE _{Lab}	34.12, 62.14, -22.39
CIE _{LCh}	34, 66.048, 340.186
Yxy	8.0682, 0.3900, 0.1922
Android (android.graphics.Color)	4288217205 (0xFF990075)
YUV	59.0850, 28.5521, 82.3635
Hunter-Lab	28.4046, 53.1679, -16.7155

Details

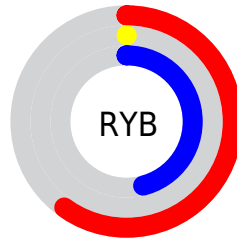
The YIQ color **59.0850, 53.6310, 68.8230** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **93.9150, -53.6310, -68.8230**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **127.5540, 50.3320, 57.0200**, and **36.7550, 35.9840, 41.7120** is the 20% darker color. If you saturate the color by 10%, you get **59.0850, 53.6310, 68.8230**, and if you desaturate by 10%, it is **68.3460, 48.2220, 62.2220**.

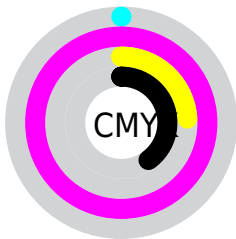
Distribution



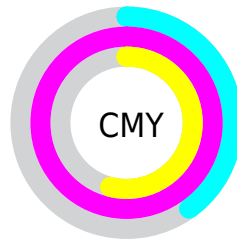
- Red (60%)
- Green (0%)
- Blue (46%)



- Red (60%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (40%)





- Cyan (40%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 59.0850, 53.6310, 68.8230 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 59.0850, 53.6310, 68.8230 by changing the saturation by 10% instead.


 59.0850, 53.6310,
68.8230


 59.0850, 53.6310,
68.8230


255.0000, -0.0000,
-0.0000


 47.8630, 44.9680,
55.1120


 127.5540, 50.3320,
57.0200


 36.7550, 35.9840,
41.7120


 156.7390, 51.2490,
56.9210


 26.1740, 26.9540,
29.1460

 180.5530, 42.9050,
53.9530

 16.0060, 18.1990,
17.1030

 200.2950, 25.8960,
48.3280

 0.0000, 0.0000,
0.0000

 217.4320, 17.6000,
33.4720

 234.4550, 9.6250,

18.3050

251.4780, 1.6500,
3.1380

59.0850, 53.6310,
68.8230

68.3460, 48.2220,
62.2220

78.0800, 42.8590,
54.7870

87.3410, 37.4500,
48.1860

96.4880, 32.3620,
41.2740

106.3360, 26.6780,
34.1500

■ 115.5970, 21.2690,
27.5490

■ 124.7440, 16.1810,
20.6370

■ 134.5920, 10.4970,
13.5130

■ 143.8530, 5.0880,
6.9120

Harmonies

Analogous

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



80.6530, -7.5270, 42.8170



59.0850, 53.6310, 68.8230



57.9410, 79.8590, 56.0430

Triad

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



59.0850, 53.6310, 68.8230



74.1250, 26.3680, -26.3360



76.1590, -75.2830, -6.7950

Complementary

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



59.0850, 53.6310, 68.8230



93.9150, -53.6310, -68.8230

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.



70.3450, -58.9120, -22.6560



59.0850, 53.6310, 68.8230



56.6730, -22.8700, -48.1020

Square

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



59.0850, 53.6310, 68.8230



75.2420, 57.4960, -6.7600



62.9010, -40.7070, -38.7150



76.8720, -84.1800, 5.7720

Rectangle

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



59.0850, 53.6310, 68.8230



56.3800, 85.2720, 40.5360



62.9010, -40.7070, -38.7150



74.3350, -70.1470, -11.7710

Sweetspot

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



59.0850, 53.6310, 68.8230



162.1840, 20.9940, 27.0260



28.2060, -27.6570, 55.2150



77.5430, 12.1930, 15.8170



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



59.0850, 53.6310, 68.8230



76.8290, 69.8120, 89.4600



50.4210, 78.0270, 45.1870



72.0760, 2.8420, 3.5620



54.0580, 49.0930, 62.9570



5.0270, 4.5380, 5.8660

Inverse Universe

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



59.0850, 53.6310, 68.8230



76.8290, 69.8120, 89.4600



102.5790, -78.0270, -45.1870



72.0760, 2.8420, 3.5620



54.0580, 49.0930, 62.9570



5.0270, 4.5380, 5.8660

Previews

White Background



This preview shows how the YIQ color 59.0850, 53.6310, 68.8230 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

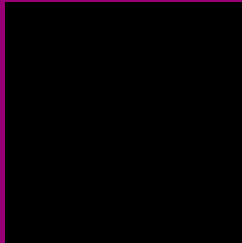
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.0850, 53.6310, 68.8230

Background



This preview shows how black text looks on a background with the YIQ color 59.0850, 53.6310, 68.8230.



This preview shows how white text looks on a background with the YIQ color 59.0850, 53.6310,

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

59.0850, 53.6310, 68.8230

Protanopia

73.6580, -59.7900, 15.2980

Deuteranopia

83.6970, -11.9680, 7.6480



Tritanopia

76.7260, 60.1500, 22.2460

Trichromacy



Original Color

59.0850, 53.6310, 68.8230

Protanomaly

68.3370, -18.6210, 34.6190

Deuteranomaly

74.8010, 12.0070, 30.2070

Tritanomaly

70.1950, 57.9920, 39.3360

Monochromacy



Original Color

59.0850, 53.6310, 68.8230

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.2330, 19.2980, 24.7220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.0850, 53.6310, 68.8230 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(153, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 117)  
}
```

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(153, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 117) }
```

Border

The CSS property to change the border of an element to YIQ 59.0850, 53.6310, 68.8230 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(153, 0, 117) }
```


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

```
.border{ border-color:rgb(153, 0, 117) }
```

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

Here you see how a box with a 4 pixel rgb(153, 0, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 59.0850, 53.6310, 68.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 117) }
```

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

```
.background{ background-color: rgb(153, 0,  
117) }
```

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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