

Converting Colors

YIQ(55.3980, 16.0810, 66.5210)

Have a look what the booklet for
YIQ(55.3980, 16.0810, 66.5210)
contains.

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Color

**YIQ(55.3980, 16.0810,
66.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	700897
RGB	112, 8, 151
RGB Percent	44%, 3%, 59%
CMY	0.5604, 0.9688, 0.4079
CMYK	0.26, 0.95, 0.00, 0.41
HSL	284°, 90%, 31%
HSV	284°, 95%, 59%
XYZ	12.3643, 5.8571, 29.7519
YIQ	55.3980, 16.0810, 66.5210

Conversions

Conversions Part 2

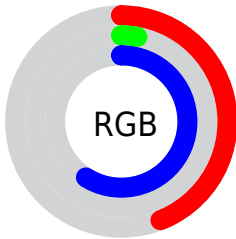
Format	Color
R_{YB}	112, 8, 151
Decimal	7342231
CIE _{Lab}	29.05, 59.17, -52.11
CIE _{LCh}	29, 78.845, 318.629
Yxy	5.8571, 0.2577, 0.1221
Android (android.graphics.Color)	4285532311 (0xFF700897)
YUV	55.3980, 47.1318, 49.6400
Hunter-Lab	24.2014, 48.8419, -55.9470

Details

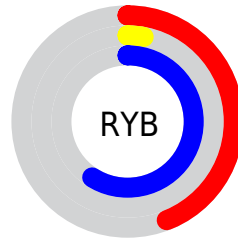
The YIQ color **55.3980, 16.0810, 66.5210** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **103.6020, -16.0810, -66.5210**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5670, 13.9270, 61.5030**, and **28.3290, 2.1930, 42.8730** is the 20% darker color. If you saturate the color by 10%, you get **50.1040, 17.0890, 70.2810**, and if you desaturate by 10%, it is **65.3990, 14.3400, 59.5240**.

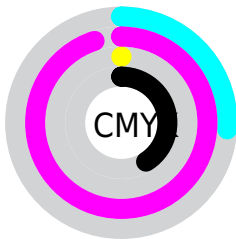
Distribution



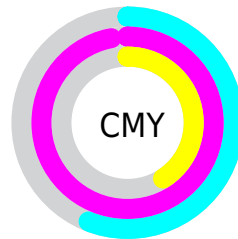
- Red (44%)
- Green (3%)
- Blue (59%)



- Red (44%)
- Yellow (3%)
- Blue (59%)



- Cyan (26%)
- Magenta (95%)
- Yellow (0%)
- Black (41%)



- Cyan (56%)
- Magenta (97%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.3980, 16.0810, 66.5210 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 55.3980, 16.0810, 66.5210 by changing the saturation by 10% instead.

■ 55.3980, 16.0810,
66.5210

■ 55.3980, 16.0810,
66.5210

■ 255.0000, -0.0000,
-0.0000

■ 39.6650, 10.5350,
56.8950

■ 116.5670, 13.9270,
61.5030

■ 28.3290, 2.1930,
42.8730

■ 144.9800, 14.2020,
62.0260

■ 18.0040, -4.6820,
29.7980

■ 171.7800, 17.6410,
60.2730

■ 5.8140, -16.3710,
15.8610

■ 196.3000, 27.5000,
52.3000

■ 4.3660, -9.5380,
7.6620


■ 212.7360, 19.8000,
37.6560


■ 0.0000, 0.0000,
0.0000


■ 229.7590, 11.8250,


22.4890

 246.7820, 3.8500,
7.3220


 55.3980, 16.0810,
66.5210


 55.3980, 16.0810,
66.5210


 50.1040, 17.0890,
70.2810

 65.3990, 14.3400,
59.5240

 75.4000, 12.5990,
52.5270

 85.4010, 10.8580,
45.5300

 95.7010, 9.7130,
38.7450

 105.7020, 7.9720,
31.7480

■ 116.2900, 5.9560,
24.2280

■ 126.2910, 4.2150,
17.2310

■ 136.2920, 2.4740,
10.2340

■ 146.2930, 0.7330,
3.2370

Harmonies

Analogous

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



59.5870, -78.2230, 24.4730



55.3980, 16.0810, 66.5210



58.2570, 64.5900, 62.9420

Triad

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



55.3980, 16.0810, 66.5210



65.1420, 46.0340, -8.2860



65.5010, -59.0510, -14.6270

Complementary

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



55.3980, 16.0810, 66.5210



103.6020, -16.0810, -66.5210

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.



57.0310, -37.9570, -33.4850



55.3980, 16.0810, 66.5210



59.2520, 6.8370, -30.3070

Square

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



55.3980, 16.0810, 66.5210



43.0560, 85.8240, 30.5280



49.8950, -23.3750, -44.4550



71.1840, -76.4310, 3.0010

Rectangle

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



55.3980, 16.0810, 66.5210



56.2030, 81.8770, 52.5090



49.8950, -23.3750, -44.4550



62.5200, -52.0350, -20.6350

Sweetspot

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



55.3980, 16.0810, 66.5210



159.2300, 6.1850, 25.5850



47.7820, -56.9030, 23.5530



76.9380, 3.7110, 15.3510



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.



55.3980, 16.0810, 66.5210



65.1010, 22.3120, 91.2720



63.5250, 49.2760, 65.1480



71.4070, 0.4120, 3.5480



46.4580, 15.8520, 65.1640



4.1730, 1.1910, 5.9510

Inverse Universe

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



55.2030, 72.7090, 42.4450



64.6460, 99.8030, 58.0350



95.4750, -49.2760, -65.1480



71.6200, 4.1260, 2.3180



46.1920, 71.2420, 41.4980



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 55.3980, 16.0810, 66.5210 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

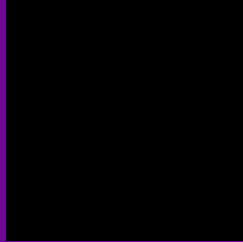
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.3980, 16.0810, 66.5210

Background



This preview shows how black text looks on a background with the YIQ color 55.3980, 16.0810, 66.5210.



This preview shows how white text looks on a background with the YIQ color 55.3980, 16.0810,

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

55.3980, 16.0810, 66.5210

Protanopia

56.3320, -64.9240, 9.2200

Deuteranopia

56.5140, -59.9250, 1.2190



Tritanopia

71.2310, 21.6390, 9.8230

Trichromacy



Original Color

55.3980, 16.0810, 66.5210

Protanomaly

56.0190, -35.4010, 30.3510

Deuteranomaly

56.2980, -32.0530, 24.7390

Tritanomaly

65.2210, 19.5720, 30.7720

Monochromacy



Original Color

55.3980, 16.0810, 66.5210

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2900, 5.9560, 24.2280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.3980, 16.0810, 66.5210 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(112, 8, 151)` looks like.

```
.text, #text, p{  
    color:rgb(112, 8, 151)  
}
```

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(112, 8, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 8, 151) }
```

Border

The CSS property to change the border of an element to YIQ 55.3980, 16.0810, 66.5210 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(112, 8, 151) }
```


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

```
.border{ border-color:rgb(112, 8, 151) }
```

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

Here you see how a box with a 4 pixel rgb(112, 8, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 8, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 8, 151);  
box-shadow:4px 4px 4px 4px rgb(112, 8,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 55.3980, 16.0810, 66.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 8, 151) }
```

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

```
.background{ background-color: rgb(112, 8,  
151) }
```

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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