

Converting Colors

YIQ(55.6600, 18.0990, 62.9870)

Have a look what the booklet for
YIQ(55.6600, 18.0990, 62.9870)
contains.

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Color

**YIQ(55.6600, 18.0990,
62.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	700A8F
RGB	112, 10, 143
RGB Percent	44%, 4%, 56%
CMY	0.5605, 0.9609, 0.4392
CMYK	0.22, 0.93, 0.00, 0.44
HSL	286°, 87%, 30%
HSV	286°, 93%, 56%
XYZ	11.7581, 5.6493, 26.4541
YIQ	55.6600, 18.0990, 62.9870

Conversions

Conversions Part 2

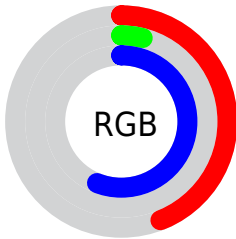
Format	Color
R_{YB}	112, 10, 143
Decimal	7342735
CIE _{Lab}	28.51, 57.28, -48.06
CIE _{LCh}	29, 74.772, 320.005
Yxy	5.6493, 0.2681, 0.1288
Android (android.graphics.Color)	4285532815 (0xFF700A8F)
YUV	55.6600, 43.0586, 49.4102
Hunter-Lab	23.7682, 46.7090, -49.3523

Details

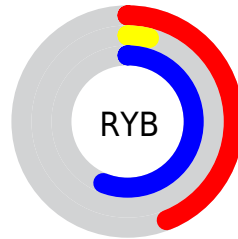
The YIQ color **55.6600, 18.0990, 62.9870** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **97.3400, -18.0990, -62.9870**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.2420, 16.2200, 58.4920**, and **27.8300, 5.0360, 40.9080** is the 20% darker color. If you saturate the color by 10%, you get **49.1920, 19.6570, 67.7930**, and if you desaturate by 10%, it is **64.7750, 16.0370, 56.3010**.

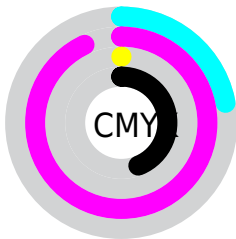
Distribution



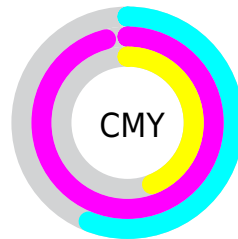
- Red (44%)
- Green (4%)
- Blue (56%)



- Red (44%)
- Yellow (4%)
- Blue (56%)



- Cyan (22%)
- Magenta (93%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.6600, 18.0990, 62.9870 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 55.6600, 18.0990, 62.9870 by changing the saturation by 10% instead.

■ 55.6600, 18.0990,
62.9870

■ 55.6600, 18.0990,
62.9870

■ 255.0000, -0.0000,
-0.0000

■ 38.7530, 13.1030,
54.4070

■ 116.2420, 16.2200,
58.4920

■ 27.8300, 5.0360,
40.9080

■ 143.6550, 16.4950,
59.0150

■ 17.8040, -1.2430,
28.0450

■ 171.7800, 17.6410,
60.2730

■ 5.0160, -14.1240,
13.6840

■ 196.3000, 27.5000,
52.3000


■ 3.0950, -7.3370,
6.3190


■ 212.7360, 19.8000,
37.6560


■ 0.0000, 0.0000,
0.0000


■ 229.7590, 11.8250,


22.4890


 246.7820, 3.8500,
7.3220


 55.6600, 18.0990,
62.9870


 55.6600, 18.0990,
62.9870

 49.1920, 19.6570,
67.7930

 64.7750, 16.0370,
56.3010

 74.7760, 14.2960,
49.3040

 83.8910, 12.2340,
42.6180

 93.0060, 10.1720,
35.9320

 102.4200, 8.7060,
29.4580

■ 112.1220, 6.3690,
22.2490

■ 121.2370, 4.3070,
15.5630

■ 130.6510, 2.8410,
9.0890

■ 140.3530, 0.5040,
1.8800

Harmonies

Analogous

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



56.8000, -74.5090, 23.2430



55.6600, 18.0990, 62.9870



56.1920, 63.2150, 60.3270

Triad

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



55.6600, 18.0990, 62.9870



63.6470, 43.0540, -9.3460



64.3270, -58.5010, -13.5810

Complementary

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



55.6600, 18.0990, 62.9870



97.3400, -18.0990, -62.9870

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.



56.1990, -38.3700, -31.5060



55.6600, 18.0990, 62.9870



58.0670, 5.9200, -30.2080

Square

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



55.6600, 18.0990, 62.9870



49.4800, 78.3980, 21.9340



49.3080, -23.1000, -43.9320



69.5540, -74.5970, 2.8030

Rectangle

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



55.6600, 18.0990, 62.9870



53.9530, 79.5850, 49.9930



49.3080, -23.1000, -43.9320



61.4600, -51.8060, -19.2780

Sweetspot

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



55.6600, 18.0990, 62.9870



151.8880, 7.1480, 24.6520



43.3590, -51.2180, 25.1500



73.1230, 4.6280, 15.2520



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



55.6600, 18.0990, 62.9870



63.9610, 25.5220, 88.1620



60.9390, 47.8100, 58.6740



66.5920, 1.3290, 3.4490



46.4860, 18.6490, 64.0330



2.7060, 1.0080, 3.7600

Inverse Universe

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



53.3010, 69.3170, 37.8370



60.5160, 97.0530, 52.8050



92.0610, -47.8100, -58.6740



66.3210, 3.5300, 2.1060



43.8990, 70.5090, 38.2610



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 55.6600, 18.0990, 62.9870 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

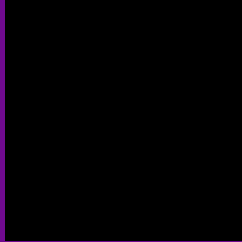
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.6600, 18.0990, 62.9870

Background



This preview shows how black text looks on a background with the YIQ color 55.6600, 18.0990, 62.9870.



This preview shows how white text looks on a background with the YIQ color 55.6600, 18.0990,

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

55.6600, 18.0990, 62.9870

Protanopia

55.4030, -63.6860, 8.8100

Deuteranopia

55.8130, -59.3290, 1.4310



Tritanopia

69.7260, 24.6190, 10.8830

Trichromacy



Original Color

55.6600, 18.0990, 62.9870

Protanomaly

55.4490, -33.7960, 28.7960

Deuteranomaly

55.9560, -31.0900, 23.8060

Tritanomaly

64.3630, 22.0480, 29.9520

Monochromacy



Original Color

55.6600, 18.0990, 62.9870

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.6490, 6.3230, 23.0830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.6600, 18.0990, 62.9870 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, 10, 143)` looks like.

```
.text, #text, p{  
    color:rgb(112, 10, 143)  
}
```

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, 10, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 10, 143) }
```

Border

The CSS property to change the border of an element to YIQ 55.6600, 18.0990, 62.9870 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, 10, 143) }
```


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

```
.border{ border-color:rgb(112, 10, 143) }
```

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

Here you see how a box with a 4 pixel rgb(112, 10, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 10, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 10, 143);  
box-shadow:4px 4px 4px 4px rgb(112, 10,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 55.6600, 18.0990, 62.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 10, 143) }
```

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

```
.background{ background-color: rgb(112, 10,  
143) }
```

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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