

Converting Colors

YIQ(55.6050, 27.9590, 49.4870)

Have a look what the booklet for
YIQ(55.6050, 27.9590, 49.4870)
contains.

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Color

**YIQ(55.6050, 27.9590,
49.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	71106D
RGB	113, 16, 109
RGB Percent	44%, 6%, 43%
CMY	0.5566, 0.9374, 0.5725
CMYK	0.00, 0.86, 0.04, 0.56
HSL	303°, 75%, 25%
HSV	303°, 86%, 44%
XYZ	9.7651, 4.9893, 14.9192
YIQ	55.6050, 27.9590, 49.4870

Conversions

Conversions Part 2

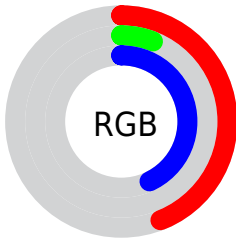
Format	Color
R_{YB}	113, 16, 109
Decimal	7409773
CIE _{Lab}	26.70, 50.11, -29.48
CIE _{LCh}	27, 58.138, 329.531
Yxy	4.9893, 0.3291, 0.1681
Android (android.graphics.Color)	4285599853 (0xFF71106D)
YUV	55.6050, 26.3237, 50.3354
Hunter-Lab	22.3368, 38.9463, -23.9652

Details

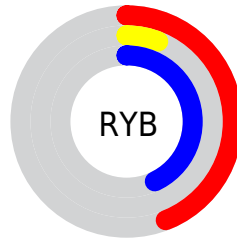
The YIQ color **55.6050, 27.9590, 49.4870** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **73.3950, -27.9590, -49.4870**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0240, 28.0970, 46.9850**, and **25.1930, 16.7750, 31.9030** is the 20% darker color. If you saturate the color by 10%, you get **49.1480, 30.9840, 55.2400**, and if you desaturate by 10%, it is **62.0620, 24.9340, 43.7340**.

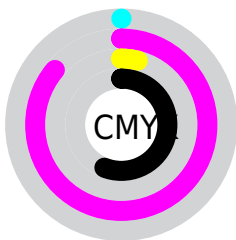
Distribution



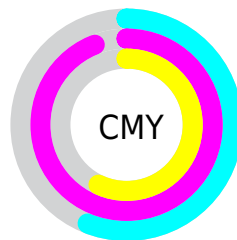
- Red (44%)
- Green (6%)
- Blue (43%)



- Red (44%)
- Yellow (6%)
- Blue (43%)



- Cyan (0%)
- Magenta (86%)
- Yellow (4%)
- Black (56%)



- Cyan (56%)
- Magenta (94%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.6050, 27.9590, 49.4870 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 55.6050, 27.9590, 49.4870 by changing the saturation by 10% instead.

55.6050, 27.9590,
49.4870

55.6050, 27.9590,
49.4870

255.0000, -0.0000,
-0.0000

35.5890, 24.8880,
44.5680

112.0240, 28.0970,
46.9850

25.1930, 16.7750,
31.9030

139.3230, 28.6930,
47.1970

15.8080, 10.1290,
20.1850

166.4480, 29.8390,
48.4550

2.2970, -5.0900,
4.1420


195.1600, 30.7100,
49.1900


0.0000, 0.0000,
0.0000


212.1490, 20.0750,
38.1790


229.1720, 12.1000,


23.0120


 246.1950, 4.1250,
7.8450


 55.6050, 27.9590,
49.4870


 55.6050, 27.9590,
49.4870


 49.1480, 30.9840,
55.2400


 62.0620, 24.9340,
43.7340

 46.0990, 32.6800,
57.5440

 69.2200, 21.3130,
37.7690

 75.6770, 18.2880,
32.0160

 82.2480, 14.9420,
26.5740

 89.2920, 11.6420,
20.2980

■ 95.8630, 8.2960,
14.8560

■ 102.3200, 5.2710,
9.1030

■ 108.8910, 1.9250,
3.6610

■ 115.9350, -1.3750,
-2.6150

Harmonies

Analogous

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



60.7760, -30.4030, 27.8770



55.6050, 27.9590, 49.4870



48.1880, 59.8700, 49.3580

Triad

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



55.6050, 27.9590, 49.4870



59.4280, 30.3090, -15.1550



59.6310, -56.3010, -9.3970

Complementary

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



55.6050, 27.9590, 49.4870



73.3950, -27.9590, -49.4870

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.



53.9140, -41.5810, -22.8690



55.6050, 27.9590, 49.4870



53.0170, 0.1890, -30.9710

Square

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



55.6050, 27.9590, 49.4870



57.5550, 55.4770, 2.3010



47.0400, -24.9810, -37.3730



61.7460, -66.3900, 2.7460

Rectangle

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



55.6050, 27.9590, 49.4870



45.1810, 69.7750, 40.5510



47.0400, -24.9810, -37.3730



58.0350, -51.8070, -13.7510

Sweetspot

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



55.6050, 27.9590, 49.4870



124.8790, 11.3670, 19.7750



27.9550, -29.3490, 30.8030



60.3850, 6.6460, 11.7180



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



55.6050, 27.9590, 49.4870



60.4400, 42.6260, 75.5380



50.1330, 43.3670, 34.5590



52.4780, 1.6500, 3.1380



48.9900, 34.6050, 61.2050



100.8710, 71.1350, 126.0710

Inverse Universe

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



55.6050, 27.9590, 49.4870



60.4400, 42.6260, 75.5380



78.8670, -43.3670, -34.5590



52.4780, 1.6500, 3.1380



48.9900, 34.6050, 61.2050



100.8710, 71.1350, 126.0710

Previews

White Background



This preview shows how the YIQ color 55.6050, 27.9590, 49.4870 looks on a white background.

Color Contrast Check

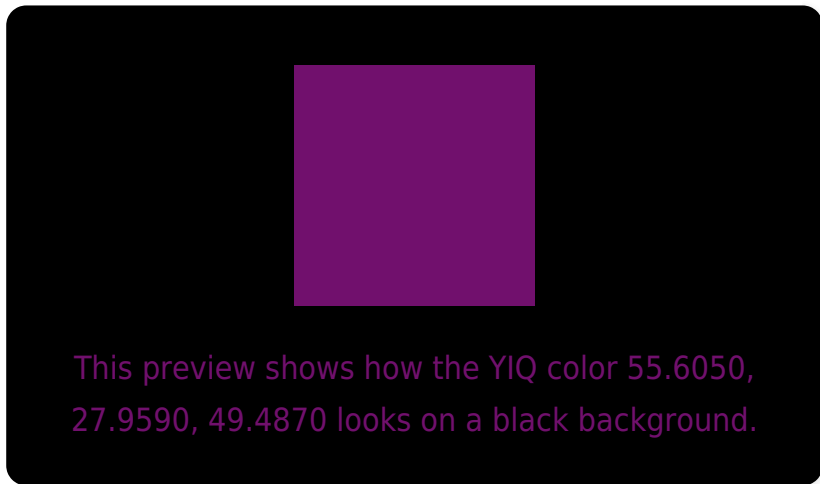
Large Text (above 18pt) WCAG AA ✓ Pass

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

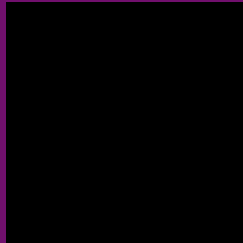
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.6050, 27.9590, 49.4870

Background



This preview shows how black text looks on a background with the YIQ color 55.6050, 27.9590, 49.4870.



This preview shows how white text looks on a background with the YIQ color 55.6050, 27.9590,

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

55.6050, 27.9590, 49.4870

Protanopia

52.1430, -60.0180, 8.4140

Deuteranopia

63.3520, -24.1180, 7.5780



Tritanopia

63.8800, 35.9890, 14.0770

Trichromacy



Original Color

55.6050, 27.9590, 49.4870

Protanomaly

53.3970, -28.0180, 23.1980

Deuteranomaly

60.4890, -4.9100, 22.9140

Tritanomaly

60.5290, 33.1440, 27.0960

Monochromacy



Original Color

55.6050, 27.9590, 49.4870

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.6400, 10.5420, 18.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.6050, 27.9590, 49.4870 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(113, 16, 109)` looks like.

```
.text, #text, p{  
    color:rgb(113, 16, 109)  
}
```

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(113, 16, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 16, 109) }
```

Border

The CSS property to change the border of an element to YIQ 55.6050, 27.9590, 49.4870 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(113, 16, 109) }
```


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

```
.border{ border-color:rgb(113, 16, 109) }
```

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

Here you see how a box with a 4 pixel rgb(113, 16, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 16, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 16, 109);  
box-shadow:4px 4px 4px 4px rgb(113, 16,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 55.6050, 27.9590, 49.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 16, 109) }
```

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

```
.background{ background-color: rgb(113, 16,  
109) }
```

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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