

Converting Colors

YIQ(55.5930, 28.2330, 55.5370)

Have a look what the booklet for
YIQ(55.5930, 28.2330, 55.5370)
contains.

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Color

**YIQ(55.5930, 28.2330,
55.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	750C77
RGB	117, 12, 119
RGB Percent	46%, 5%, 47%
CMY	0.5409, 0.9531, 0.5333
CMYK	0.02, 0.90, 0.00, 0.53
HSL	299°, 82%, 26%
HSV	299°, 90%, 47%
XYZ	10.8081, 5.3815, 17.9242
YIQ	55.5930, 28.2330, 55.5370

Conversions

Conversions Part 2

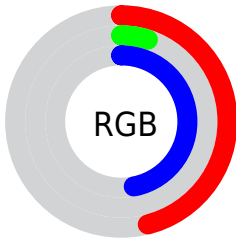
Format	Color
R_{YB}	117, 12, 119
Decimal	7670903
CIE _{Lab}	27.80, 53.47, -34.10
CIE _{LCh}	28, 63.416, 327.468
Yxy	5.3815, 0.3168, 0.1578
Android (android.graphics.Color)	4285860983 (0xFF750C77)
YUV	55.5930, 31.2597, 53.8539
Hunter-Lab	23.1980, 42.5681, -29.5725

Details

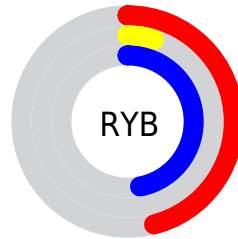
The YIQ color **55.5930, 28.2330, 55.5370** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **75.4070, -28.2330, -55.5370**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.4740, 26.9500, 51.2540**, and **27.1160, 15.6740, 35.3380** is the 20% darker color. If you saturate the color by 10%, you get **48.5490, 31.5330, 61.8130**, and if you desaturate by 10%, it is **62.6370, 24.9330, 49.2610**.

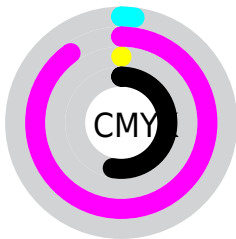
Distribution



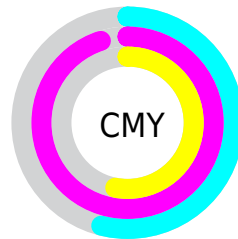
- Red (46%)
- Green (5%)
- Blue (47%)



- Red (46%)
- Yellow (5%)
- Blue (47%)



- Cyan (2%)
- Magenta (90%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (95%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.5930, 28.2330, 55.5370 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 55.5930, 28.2330, 55.5370 by changing the saturation by 10% instead.

■ 55.5930, 28.2330,
55.5370

■ 55.5930, 28.2330,
55.5370

■ 255.0000, -0.0000,
-0.0000

■ 37.6260, 23.4660,
48.3140

■ 114.4740, 26.9500,
51.2540

■ 27.1160, 15.6740,
35.3380

■ 142.0720, 28.1420,
51.6780

■ 17.6170, 9.3490,
23.3090

■ 169.3110, 28.9670,
53.2470

■ 3.4370, -8.3000,
7.2520


■ 196.3000, 27.5000,
52.3000


■ 0.0000, 0.0000,
0.0000


■ 212.7360, 19.8000,
37.6560

■ 229.1720, 12.1000,


23.0120


 246.1950, 4.1250,
7.8450


 55.5930, 28.2330,
55.5370


 55.5930, 28.2330,
55.5370


 48.5490, 31.5330,
61.8130

 62.6370, 24.9330,
49.2610

 69.9800, 22.2290,
43.1970

 77.0240, 18.9290,
36.9210

 84.0680, 15.6290,
30.6450

 90.5250, 12.6040,
24.8920

■ 97.5690, 9.3040,
18.6160

■ 104.9120, 6.6000,
12.5520

■ 111.9560, 3.3000,
6.2760

■ 119.0000, -0.0000,
0.0000

Harmonies

Analogous

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



60.0180, -42.8280, 27.2840



55.5930, 28.2330, 55.5370



51.2640, 62.7120, 52.9200

Triad

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



55.5930, 28.2330, 55.5370



62.3960, 33.3350, -14.9290



62.4350, -58.6850, -10.2450

Complementary

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



55.5930, 28.2330, 55.5370



75.4070, -28.2330, -55.5370

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.



56.1480, -42.3600, -25.2720



55.5930, 28.2330, 55.5370



54.7890, 0.8310, -31.5930

Square

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



55.5930, 28.2330, 55.5370



58.4850, 61.6660, 5.7780



47.6610, -22.5960, -42.0520



65.7070, -70.6540, 2.9300

Rectangle

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



55.5930, 28.2330, 55.5370



48.2140, 74.1760, 43.3920



47.6610, -22.5960, -42.0520



60.6110, -53.5490, -15.2210

Sweetspot

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



55.5930, 28.2330, 55.5370



131.0470, 10.9540, 21.7540



26.5460, -35.4470, 31.1850



64.3250, 6.8750, 13.0750



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



55.5930, 28.2330, 55.5370



63.5310, 41.1120, 80.9520



50.4910, 45.4750, 40.4110



55.4780, 1.6500, 3.1380



49.7880, 32.3580, 63.3820



101.7550, 65.7700, 129.6900

Inverse Universe

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



44.2210, 63.1300, 23.3060



46.9860, 92.0130, 34.0050



80.5090, -45.4750, -40.4110



54.7940, 3.5760, 1.2720



36.7060, 72.0700, 26.4860



75.2060, 147.7160, 54.2440

Previews

White Background



This preview shows how the YIQ color 55.5930, 28.2330, 55.5370 looks on a white background.

Color Contrast Check

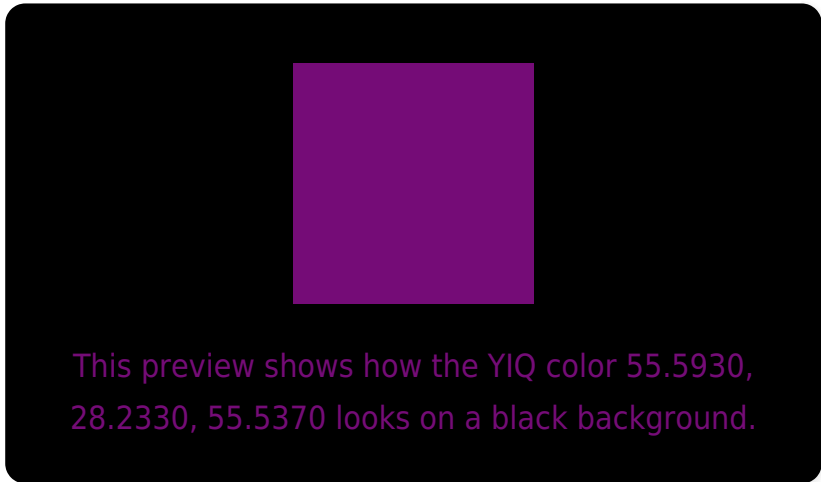
Large Text (above 18pt) WCAG AA ✓ Pass

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

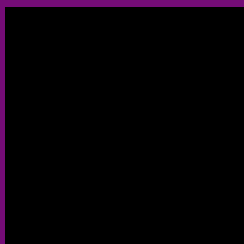
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.5930, 28.2330, 55.5370

Background



This preview shows how black text looks on a background with the YIQ color 55.5930, 28.2330, 55.5370.



This preview shows how white text looks on a background with the YIQ color 55.5930, 28.2330,

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

55.5930, 28.2330, 55.5370

Protanopia

54.5880, -62.7690, 8.7110

Deuteranopia

64.3450, -31.4080, 7.5360



Tritanopia

66.8800, 35.9890, 14.0770

Trichromacy



Original Color

55.5930, 28.2330, 55.5370

Protanomaly

54.9070, -29.3940, 26.1100

Deuteranomaly

61.3190, -10.1830, 24.8650

Tritanomaly

62.9960, 33.3270, 29.2870

Monochromacy



Original Color

55.5930, 28.2330, 55.5370

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.8080, 10.1290, 20.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.5930, 28.2330, 55.5370 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(117, 12, 119)` looks like.

```
.text, #text, p{  
    color:rgb(117, 12, 119)  
}
```

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(117, 12, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 12, 119) }
```

Border

The CSS property to change the border of an element to YIQ 55.5930, 28.2330, 55.5370 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(117, 12, 119) }
```


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

```
.border{ border-color:rgb(117, 12, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 12, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 12, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 12, 119);  
box-shadow:4px 4px 4px 4px rgb(117, 12,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 55.5930, 28.2330, 55.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 12, 119) }
```

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

```
.background{ background-color: rgb(117, 12,  
119) }
```

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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