

Converting Colors

YIQ(55.0180, 28.2340, 50.0100)

Have a look what the booklet for
YIQ(55.0180, 28.2340, 50.0100)
contains.

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Color

**YIQ(55.0180, 28.2340,
50.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	710F6D
RGB	113, 15, 109
RGB Percent	44%, 6%, 43%
CMY	0.5566, 0.9413, 0.5725
CMYK	0.00, 0.87, 0.04, 0.56
HSL	302°, 77%, 25%
HSV	302°, 87%, 44%
XYZ	9.7507, 4.9605, 14.9144
YIQ	55.0180, 28.2340, 50.0100

Conversions

Conversions Part 2

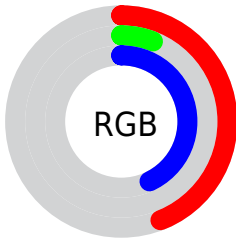
Format	Color
R_{YB}	113, 15, 109
Decimal	7409517
CIE _{Lab}	26.62, 50.35, -29.61
CIE _{LCh}	27, 58.412, 329.540
Yxy	4.9605, 0.3291, 0.1674
Android (android.graphics.Color)	4285599597 (0xFF710F6D)
YUV	55.0180, 26.6131, 50.8502
Hunter-Lab	22.2721, 39.1710, -24.1126

Details

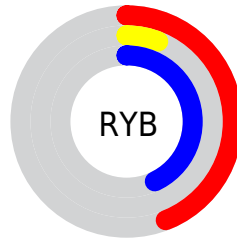
The YIQ color **55.0180, 28.2340, 50.0100** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **72.9820, -28.2340, -50.0100**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

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 **48.5610, 31.2590, 55.7630**, and if you desaturate by 10%, it is **61.4750, 25.2090, 44.2570**.

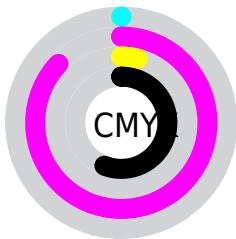
Distribution



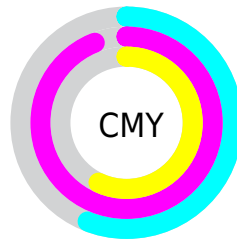
- Red (44%)
- Green (6%)
- Blue (43%)



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



- Cyan (0%)
- Magenta (87%)
- Yellow (4%)
- Black (56%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.0180, 28.2340, 50.0100 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 55.0180, 28.2340, 50.0100 by changing the saturation by 10% instead.

■ 55.0180, 28.2340,
50.0100

■ 55.0180, 28.2340,
50.0100

■ 255.0000, -0.0000,
-0.0000

■ 35.5890, 24.8880,
44.5680

■ 112.0240, 28.0970,
46.9850

■ 25.1930, 16.7750,
31.9030

■ 138.7360, 28.9680,
47.7200

■ 15.8080, 10.1290,
20.1850

■ 166.4480, 29.8390,
48.4550

■ 2.2970, -5.0900,
4.1420


■ 194.5730, 30.9850,
49.7130


■ 0.0000, 0.0000,
0.0000


■ 212.1490, 20.0750,
38.1790


■ 228.5850, 12.3750,


23.5350


 245.6080, 4.4000,
8.3680


 55.0180, 28.2340,
50.0100


 55.0180, 28.2340,
50.0100


 48.5610, 31.2590,
55.7630

 61.4750, 25.2090,
44.2570

 46.0990, 32.6800,
57.5440

 68.6330, 21.5880,
38.2920

 75.0900, 18.5630,
32.5390

 81.6610, 15.2170,
27.0970

 88.7050, 11.9170,
20.8210

■ 95.2760, 8.5710,
15.3790

■ 101.7330, 5.5460,
9.6260

■ 108.3040, 2.2000,
4.1840

■ 115.3480, -1.1000,
-2.0920

Harmonies

Analogous

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



60.4770, -30.9990, 27.6650



55.0180, 28.2340, 50.0100



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.



55.0180, 28.2340, 50.0100



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.



55.0180, 28.2340, 50.0100



72.9820, -28.2340, -50.0100

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



55.0180, 28.2340, 50.0100



52.1310, -0.1320, -30.6600

Square

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



55.0180, 28.2340, 50.0100



56.9680, 55.7520, 2.8240



46.9260, -24.6600, -37.6840



61.8600, -66.7110, 3.0570

Rectangle

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



55.0180, 28.2340, 50.0100



45.1810, 69.7750, 40.5510



46.9260, -24.6600, -37.6840



58.0350, -51.8070, -13.7510

Sweetspot

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



55.0180, 28.2340, 50.0100



124.8790, 11.3670, 19.7750



27.0690, -29.6700, 31.1140



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.



55.0180, 28.2340, 50.0100



60.4400, 42.6260, 75.5380



49.5460, 43.6420, 35.0820



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.



55.0180, 28.2340, 50.0100



60.4400, 42.6260, 75.5380



78.4540, -43.6420, -35.0820



52.4780, 1.6500, 3.1380



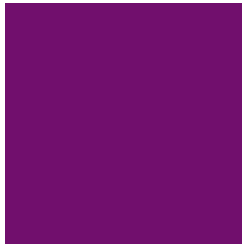
48.9900, 34.6050, 61.2050



100.8710, 71.1350, 126.0710

Previews

White Background



This preview shows how the YIQ color 55.0180, 28.2340, 50.0100 looks on a white background.

Color Contrast Check

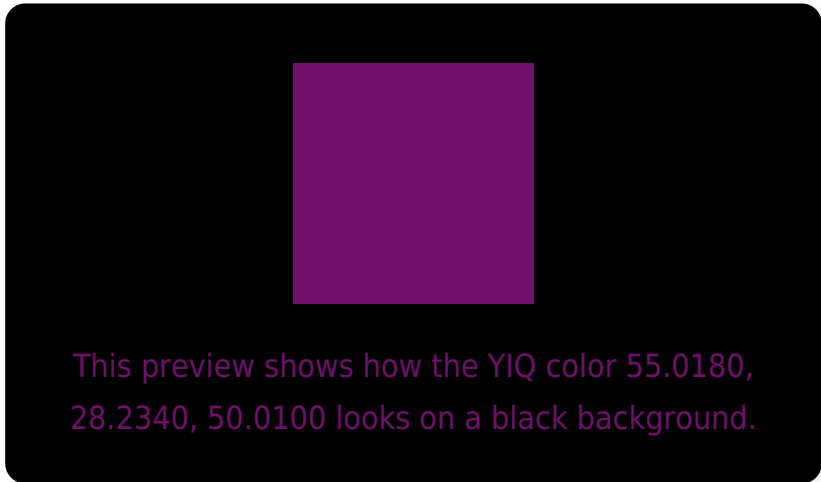
Large Text (above 18pt) WCAG AA ✓ Pass

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

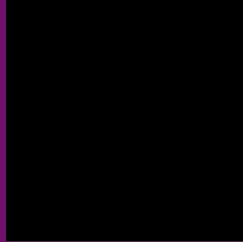
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.0180, 28.2340, 50.0100

Background



This preview shows how black text looks on a background with the YIQ color 55.0180, 28.2340, 50.0100.



This preview shows how white text looks on a background with the YIQ color 55.0180, 28.2340,

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

55.0180, 28.2340, 50.0100

Protanopia

52.1430, -60.0180, 8.4140

Deuteranopia

63.0530, -24.7140, 7.3660



Tritanopia

63.1790, 36.5850, 14.2890

Trichromacy



Original Color

55.0180, 28.2340, 50.0100

Protanomaly

53.3970, -28.0180, 23.1980

Deuteranomaly

60.1900, -5.5060, 22.7020

Tritanomaly

59.9420, 33.4190, 27.6190

Monochromacy



Original Color

55.0180, 28.2340, 50.0100

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7540, 10.2210, 18.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.0180, 28.2340, 50.0100 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, 15, 109)` looks like.

```
.text, #text, p{  
    color:rgb(113, 15, 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, 15, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 15, 109) }
```

Border

The CSS property to change the border of an element to YIQ 55.0180, 28.2340, 50.0100 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, 15, 109) }
```


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

```
.border{ border-color:rgb(113, 15, 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, 15, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 15, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 15, 109);  
box-shadow:4px 4px 4px 4px rgb(113, 15,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 55.0180, 28.2340, 50.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 15, 109) }
```

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

```
.background{ background-color: rgb(113, 15,  
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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