

Converting Colors

YIQ(55.3170, 28.8300, 50.2220)

Have a look what the booklet for
YIQ(55.3170, 28.8300, 50.2220)
contains.

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Color

**YIQ(55.3170, 28.8300,
50.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	720F6D
RGB	114, 15, 109
RGB Percent	45%, 6%, 43%
CMY	0.5526, 0.9413, 0.5725
CMYK	0.00, 0.87, 0.04, 0.55
HSL	303°, 77%, 25%
HSV	303°, 87%, 45%
XYZ	9.8803, 5.0273, 14.9206
YIQ	55.3170, 28.8300, 50.2220

Conversions

Conversions Part 2

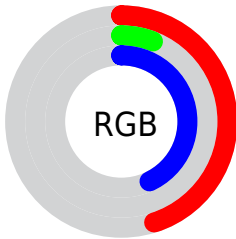
Format	Color
RYB	114, 15, 109
Decimal	7475053
CIELab	26.81, 50.56, -29.30
CIElCh	27, 58.436, 329.911
Yxy	5.0273, 0.3312, 0.1685
Android (android.graphics.Color)	4285665133 (0xFF720F6D)
YUV	55.3170, 26.4657, 51.4650
Hunter-Lab	22.4216, 39.4202, -23.7598

Details

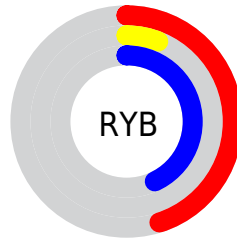
The YIQ color **55.3170, 28.8300, 50.2220** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **73.6830, -28.8300, -50.2220**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.3230, 28.6930, 47.1970**, and **25.4920, 17.3710, 32.1150** is the 20% darker color. If you saturate the color by 10%, you get **48.7460, 32.1760, 55.6640**, and if you desaturate by 10%, it is **61.8880, 25.4840, 44.7800**.

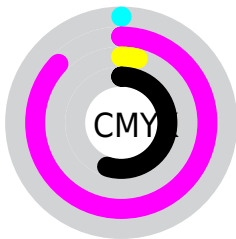
Distribution



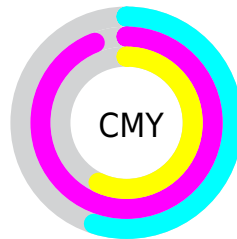
- Red (45%)
- Green (6%)
- Blue (43%)



- Red (45%)
- Yellow (6%)
- Blue (43%)



- Cyan (0%)
- Magenta (87%)
- Yellow (4%)
- Black (55%)



- Cyan (55%)
- Magenta (94%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.3170, 28.8300, 50.2220 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 55.3170, 28.8300, 50.2220 by changing the saturation by 10% instead.

■ 55.3170, 28.8300,
50.2220

■ 55.3170, 28.8300,
50.2220

■ 255.0000, -0.0000,
-0.0000

■ 35.8880, 25.4840,
44.7800

■ 112.3230, 28.6930,
47.1970

■ 25.4920, 17.3710,
32.1150

■ 139.0350, 29.5640,
47.9320

■ 16.1070, 10.7250,
20.3970

■ 166.7470, 30.4350,
48.6670

■ 2.2970, -5.0900,
4.1420


■ 194.5730, 30.9850,
49.7130


■ 0.0000, 0.0000,
0.0000


■ 212.1490, 20.0750,
38.1790


■ 229.1720, 12.1000,


23.0120


 246.1950, 4.1250,
7.8450


 55.3170, 28.8300,
50.2220


 55.3170, 28.8300,
50.2220


 48.7460, 32.1760,
55.6640


 61.8880, 25.4840,
44.7800

 46.3980, 33.2760,
57.7560

 68.9320, 22.1840,
38.5040

 75.5030, 18.8380,
33.0620

 82.5470, 15.5380,
26.7860

 89.1180, 12.1920,
21.3440

■ 95.6890, 8.8460,
15.9020

■ 102.7330, 5.5460,
9.6260

■ 109.3040, 2.2000,
4.1840

■ 116.3480, -1.1000,
-2.0920

Harmonies

Analogous

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



61.0750, -29.8070, 28.0890



55.3170, 28.8300, 50.2220



48.4870, 60.4660, 49.5700

Triad

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



55.3170, 28.8300, 50.2220



60.0150, 30.0340, -15.6780



59.7450, -56.6220, -9.0860

Complementary

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



55.3170, 28.8300, 50.2220



73.6830, -28.8300, -50.2220

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.



54.6150, -42.1770, -23.0810



55.3170, 28.8300, 50.2220



52.7180, -0.4070, -31.1830

Square

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



55.3170, 28.8300, 50.2220



57.8540, 56.0730, 2.5130



47.0400, -24.9810, -37.3730



62.4470, -66.9860, 2.5340

Rectangle

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



55.3170, 28.8300, 50.2220



45.1810, 69.7750, 40.5510



47.0400, -24.9810, -37.3730



58.1490, -52.1280, -13.4400

Sweetspot

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



55.3170, 28.8300, 50.2220



124.8790, 11.3670, 19.7750



27.7810, -28.7990, 31.8490



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.



55.3170, 28.8300, 50.2220



60.2120, 43.2680, 74.9160



49.7310, 44.5590, 34.9830



52.4780, 1.6500, 3.1380



48.8760, 34.9260, 60.8940



100.6430, 71.7770, 125.4490

Inverse Universe

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



55.3170, 28.8300, 50.2220



60.2120, 43.2680, 74.9160



79.2690, -44.5590, -34.9830



52.4780, 1.6500, 3.1380



48.8760, 34.9260, 60.8940



100.6430, 71.7770, 125.4490

Previews

White Background



This preview shows how the YIQ color 55.3170, 28.8300, 50.2220 looks on a white background.

Color Contrast Check

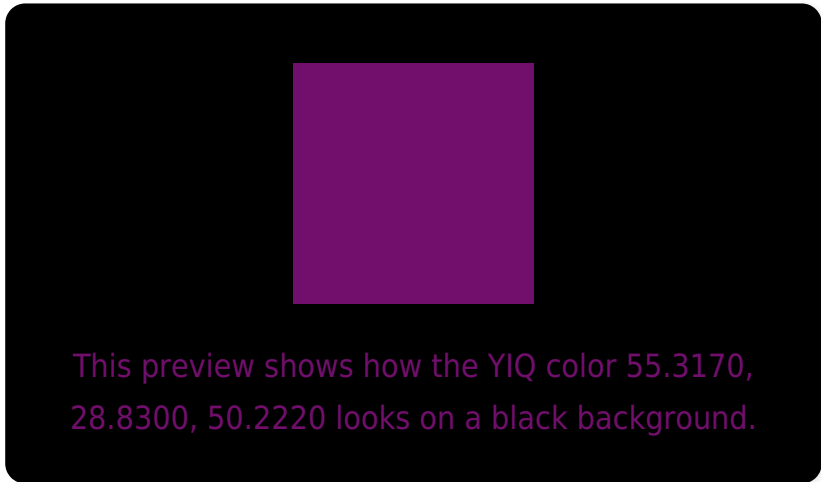
Large Text (above 18pt) WCAG AA ✓ Pass

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

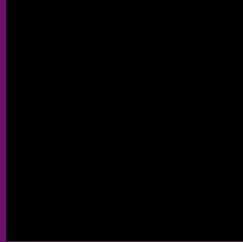
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.3170, 28.8300, 50.2220

Background



This preview shows how black text looks on a background with the YIQ color 55.3170, 28.8300, 50.2220.



This preview shows how white text looks on a background with the YIQ color 55.3170, 28.8300,

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

55.3170, 28.8300, 50.2220

Protanopia

52.2570, -60.3390, 8.7250

Deuteranopia

64.2380, -23.7970, 7.2670



Tritanopia

63.4780, 37.1810, 14.5010

Trichromacy



Original Color

55.3170, 28.8300, 50.2220

Protanomaly

53.5110, -28.3390, 23.5090

Deuteranomaly

60.7880, -4.3140, 23.1260

Tritanomaly

60.2410, 34.0150, 27.8310

Monochromacy



Original Color

55.3170, 28.8300, 50.2220

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 55.3170, 28.8300, 50.2220 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(114, 15, 109)` looks like.

```
.text, #text, p{  
    color:rgb(114, 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(114, 15, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 15, 109) }
```

Border

The CSS property to change the border of an element to YIQ 55.3170, 28.8300, 50.2220 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(114, 15, 109) }
```


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

```
.border{ border-color:rgb(114, 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(114, 15, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 15, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 15, 109);  
box-shadow:4px 4px 4px 4px rgb(114, 15,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 55.3170, 28.8300, 50.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 15, 109) }
```

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

```
.background{ background-color: rgb(114, 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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