

Converting Colors

YIQ(54.5110, 25.5280, 55.0000)

Have a look what the booklet for
YIQ(54.5110, 25.5280, 55.0000)
contains.

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Color

**YIQ(54.5110, 25.5280,
55.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	710C78
RGB	113, 12, 120
RGB Percent	44%, 5%, 47%
CMY	0.5566, 0.9531, 0.5294
CMYK	0.06, 0.90, 0.00, 0.53
HSL	296°, 82%, 26%
HSV	296°, 90%, 47%
XYZ	10.3415, 5.1340, 18.2166
YIQ	54.5110, 25.5280, 55.0000

Conversions

Conversions Part 2

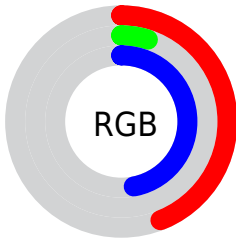
Format	Color
R_{YB}	113, 12, 120
Decimal	7408760
CIE _{Lab}	27.11, 52.87, -35.87
CIE _{LCh}	27, 63.888, 325.842
Yxy	5.1340, 0.3069, 0.1524
Android (android.graphics.Color)	4285598840 (0xFF710C78)
YUV	54.5110, 32.2861, 51.2949
Hunter-Lab	22.6584, 41.8174, -31.8065

Details

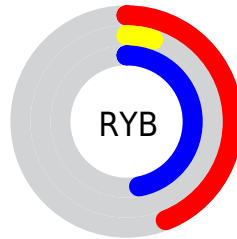
The YIQ color **54.5110, 25.5280, 55.0000** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.4890, -25.5280, -55.0000**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8050, 24.5200, 51.2400**, and **26.0340, 12.9690, 34.8010** is the 20% darker color. If you saturate the color by 10%, you get **47.1680, 28.2320, 61.0640**, and if you desaturate by 10%, it is **61.8540, 22.8240, 48.9360**.

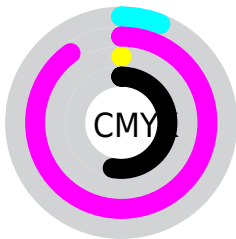
Distribution



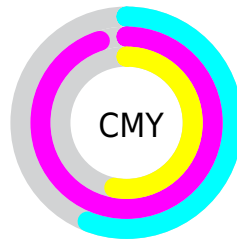
- Red (44%)
- Green (5%)
- Blue (47%)



- Red (44%)
- Yellow (5%)
- Blue (47%)



- Cyan (6%)
- Magenta (90%)
- Yellow (0%)
- Black (53%)



- Cyan (56%)
- Magenta (95%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.5110, 25.5280, 55.0000 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 54.5110, 25.5280, 55.0000 by changing the saturation by 10% instead.

■ 54.5110, 25.5280,
55.0000

■ 54.5110, 25.5280,
55.0000

■ 255.0000, -0.0000,
-0.0000

■ 36.5440, 20.7610,
47.7770

■ 112.8050, 24.5200,
51.2400

■ 26.0340, 12.9690,
34.8010

■ 140.2180, 24.7950,
51.7630

■ 16.5350, 6.6440,
22.7720

■ 167.9300, 25.6660,
52.4980

■ 3.5510, -8.6210,
7.5630


■ 195.7130, 27.7750,
52.8230


■ 0.0000, 0.0000,
0.0000


■ 212.1490, 20.0750,
38.1790


■ 228.5850, 12.3750,


23.5350


 245.6080, 4.4000,
8.3680


 54.5110, 25.5280,
55.0000


 54.5110, 25.5280,
55.0000


 47.1680, 28.2320,
61.0640

 61.8540, 22.8240,
48.9360

 69.1970, 20.1200,
42.8720

 76.2410, 16.8200,
36.5960

 83.5840, 14.1160,
30.5320

 90.9270, 11.4120,
24.4680

■ 98.2700, 8.7080,
18.4040

■ 105.3140, 5.4080,
12.1280

■ 112.6570, 2.7040,
6.0640

■ 120.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



54.6360, -53.5560, 23.4680



54.5110, 25.5280, 55.0000



50.7800, 61.1990, 52.8070

Triad

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



54.5110, 25.5280, 55.0000



60.6350, 34.1600, -13.3600



60.8050, -56.8510, -10.4430

Complementary

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



54.5110, 25.5280, 55.0000



77.4890, -25.5280, -55.0000

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.



54.5180, -40.5260, -25.4700



54.5110, 25.5280, 55.0000



53.9140, 1.9770, -30.3350

Square

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



54.5110, 25.5280, 55.0000



56.1370, 62.7660, 7.8700



46.9600, -22.0000, -41.8400



64.1910, -69.1410, 3.0430

Rectangle

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



54.5110, 25.5280, 55.0000



48.0290, 73.2590, 43.4910



46.9600, -22.0000, -41.8400



58.9810, -51.7150, -15.4190

Sweetspot

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



54.5110, 25.5280, 55.0000



130.4490, 9.7620, 21.3300



28.4210, -36.5930, 29.9270



63.7270, 5.6830, 12.6510



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.



54.5110, 25.5280, 55.0000



61.4380, 36.9400, 79.4680



51.2460, 44.7870, 41.8670



57.4780, 1.6500, 3.1380



49.2330, 29.6070, 63.6790



99.2920, 59.7640, 128.4040

Inverse Universe

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



45.0900, 62.1210, 25.0730



47.7840, 89.7660, 36.1820



80.7540, -44.7870, -41.8670



56.7940, 3.5760, 1.2720



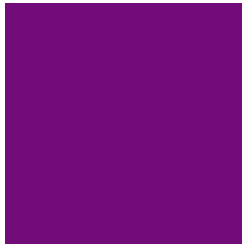
38.2870, 71.9320, 28.9880



77.1720, 145.0560, 58.4000

Previews

White Background



This preview shows how the YIQ color 54.5110, 25.5280, 55.0000 looks on a white background.

Color Contrast Check

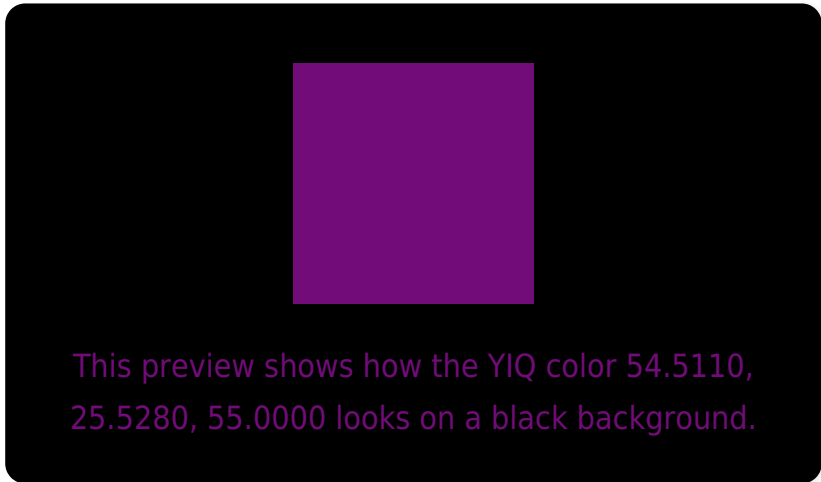
Large Text (above 18pt) WCAG AA ✓ Pass

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

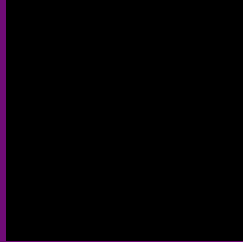
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.5110, 25.5280, 55.0000

Background



This preview shows how black text looks on a background with the YIQ color 54.5110, 25.5280, 55.0000.



This preview shows how white text looks on a background with the YIQ color 54.5110, 25.5280,

55.0000.

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

54.5110, 25.5280, 55.0000

Protanopia

52.9580, -60.9350, 8.5130

Deuteranopia

61.7790, -35.6260, 6.8860



Tritanopia

65.3850, 33.0090, 13.0170

Trichromacy



Original Color

54.5110, 25.5280, 55.0000

Protanomaly

53.4940, -29.6690, 25.5870

Deuteranomaly

59.0520, -13.8050, 24.4270

Tritanomaly

61.5010, 30.3470, 28.2270

Monochromacy



Original Color

54.5110, 25.5280, 55.0000

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6230, 9.2120, 20.2840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.5110, 25.5280, 55.0000 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, 12, 120)` looks like.

```
.text, #text, p{  
    color:rgb(113, 12, 120)  
}
```

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, 12, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 12, 120) }
```

Border

The CSS property to change the border of an element to YIQ 54.5110, 25.5280, 55.0000 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, 12, 120) }
```


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

```
.border{ border-color:rgb(113, 12, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 12, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 12, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 12, 120); box-shadow:4px 4px 4px 4px rgb(113, 12, 120) }
```

Background

The CSS property to change the background color of an element to YIQ 54.5110, 25.5280, 55.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 12, 120) }
```

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

```
.background{ background-color: rgb(113, 12,  
120) }
```

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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