

Converting Colors

YIQ(55.1490, 46.4380, 39.4780)

Have a look what the booklet for
YIQ(55.1490, 46.4380, 39.4780)
contains.

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Color

**YIQ(55.1490, 46.4380,
39.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	7C1147
RGB	124, 17, 71
RGB Percent	49%, 7%, 28%
CMY	0.5134, 0.9335, 0.7214
CMYK	0.00, 0.86, 0.43, 0.51
HSL	330°, 76%, 28%
HSV	330°, 86%, 49%
XYZ	9.6611, 5.1455, 6.4513
YIQ	55.1490, 46.4380, 39.4780

Conversions

Conversions Part 2

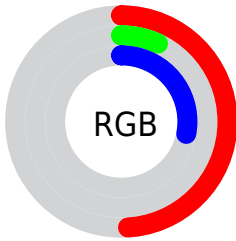
Format	Color
R_{YB}	124, 17, 71
Decimal	8130887
CIE _{Lab}	27.15, 47.37, -3.58
CIE _{LCh}	27, 47.509, 355.677
Yxy	5.1455, 0.4545, 0.2421
Android (android.graphics.Color)	4286320967 (0xFF7C1147)
YUV	55.1490, 7.8145, 60.3823
Hunter-Lab	22.6836, 36.3276, -0.9838

Details

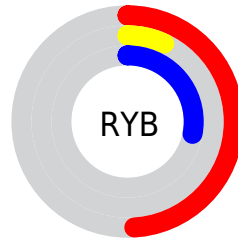
The YIQ color **55.1490, 46.4380, 39.4780** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **85.8510, -46.4380, -39.4780**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4110, 48.4560, 35.9440**, and **24.1220, 32.7320, 23.5480** is the 20% darker color. If you saturate the color by 10%, you get **47.4210, 51.6640, 43.8880**, and if you desaturate by 10%, it is **62.8770, 41.2120, 35.0680**.

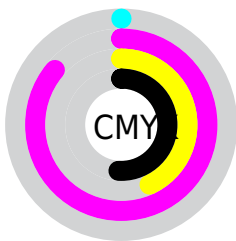
Distribution



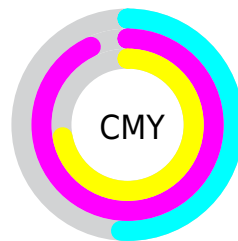
- Red (49%)
- Green (7%)
- Blue (28%)



- Red (49%)
- Yellow (7%)
- Blue (28%)



- Cyan (0%)
- Magenta (86%)
- Yellow (43%)
- Black (51%)



- Cyan (51%)
- Magenta (93%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.1490, 46.4380, 39.4780 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 55.1490, 46.4380, 39.4780 by changing the saturation by 10% instead.

■ 55.1490, 46.4380,
39.4780

■ 55.1490, 46.4380,
39.4780

255.0000, -0.0000,
-0.0000

■ 34.5890, 42.0830,
35.8030

■ 111.7100, 49.0520,
36.1560

■ 24.1220, 32.7320,
23.5480

■ 138.6070, 50.8400,
36.7920

■ 13.9820, 26.7740,
10.3740

■ 166.0910, 52.3530,
36.9050

■ 0.0000, 0.0000,
0.0000

■ 189.9160, 45.4760,
34.8840

■ 209.5440, 28.7880,
28.9480

■ 229.7590, 11.8250,

22.4890

246.7820, 3.8500,
7.3220

55.1490, 46.4380,
39.4780

55.1490, 46.4380,
39.4780

47.4210, 51.6640,
43.8880

62.8770, 41.2120,
35.0680

44.2580, 53.6810,
45.8810

71.1920, 35.7110,
30.1350

78.9200, 30.4850,
25.7250

87.3490, 24.6630,
21.1030

95.0770, 19.4370,
16.6930

■ 102.8050, 14.2110,
12.2830

■ 111.1200, 8.7100,
7.3500

■ 118.8480, 3.4840,
2.9400

■ 127.1630, -2.0170,
-1.9930

Harmonies

Analogous

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



64.3010, 16.5910, 35.2390



55.1490, 46.4380, 39.4780



55.4530, 56.6650, 24.8330

Triad

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



55.1490, 46.4380, 39.4780



56.3280, 9.6790, -26.7450



59.3350, -60.9790, -1.7070

Complementary

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



55.1490, 46.4380, 39.4780



85.8510, -46.4380, -39.4780

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.



57.7900, -52.4950, -12.2950



55.1490, 46.4380, 39.4780



47.3650, -27.2740, -34.3620

Square

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



55.1490, 46.4380, 39.4780



60.9230, 33.2890, -14.0950



52.9850, -40.3430, -23.2790



56.7080, -63.2270, 5.9970

Rectangle

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



55.1490, 46.4380, 39.4780



58.2440, 55.1550, 8.1390



52.9850, -40.3430, -23.2790



59.5970, -58.9610, -5.2410

Sweetspot

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



55.1490, 46.4380, 39.4780



133.9520, 18.2910, 15.4350



44.7460, -3.3550, 44.3010



65.2560, 11.3230, 9.5550



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



55.1490, 46.4380, 39.4780



57.3730, 69.9550, 59.3230



49.2210, 63.1300, 23.3060



57.1360, 2.6130, 2.2050



44.5570, 54.2770, 46.0930



89.8260, 109.4250, 92.9210

Inverse Universe

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



55.1490, 46.4380, 39.4780



57.3730, 69.9550, 59.3230



91.7790, -63.1300, -23.3060



57.1360, 2.6130, 2.2050



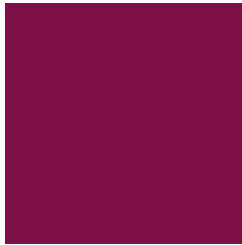
44.5570, 54.2770, 46.0930



89.8260, 109.4250, 92.9210

Previews

White Background



This preview shows how the YIQ color 55.1490, 46.4380, 39.4780 looks on a white background.

Color Contrast Check

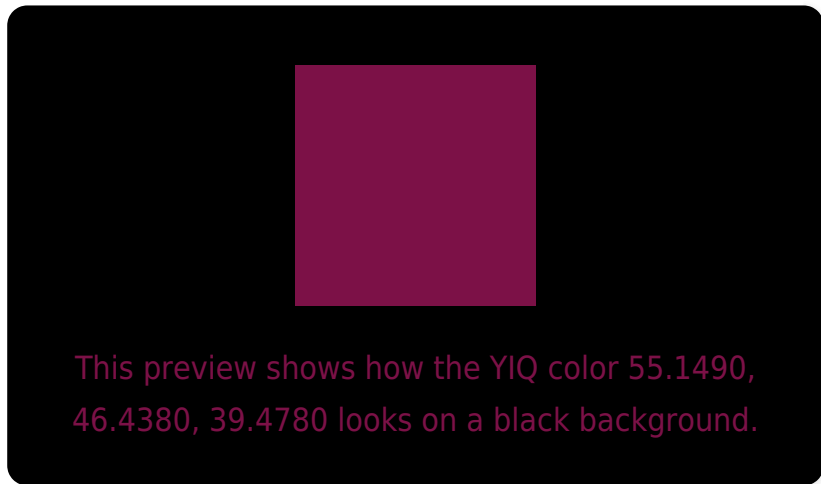
Large Text (above 18pt) WCAG AA ✓ Pass

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

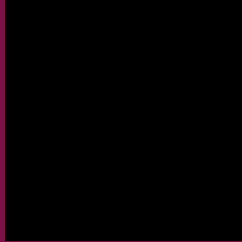
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.1490, 46.4380, 39.4780

Background



This preview shows how black text looks on a background with the YIQ color 55.1490, 46.4380, 39.4780.



This preview shows how white text looks on a background with the YIQ color 55.1490, 46.4380,

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

55.1490, 46.4380, 39.4780

Protanopia

65.8860, -16.8740, 8.4540

Deuteranopia

66.9190, 4.7220, 2.5300



Tritanopia

58.4370, 53.5940, 19.9140

Trichromacy



Original Color

55.1490, 46.4380, 39.4780

Protanomaly

62.2420, 5.9110, 19.5350

Deuteranomaly

62.8490, 20.0790, 16.0710

Tritanomaly

57.3970, 51.0710, 27.0950

Monochromacy



Original Color

55.1490, 46.4380, 39.4780

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9410, 16.8240, 14.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.1490, 46.4380, 39.4780 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(124, 17, 71)` looks like.

```
.text, #text, p{  
    color:rgb(124, 17, 71)  
}
```

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(124, 17, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 17, 71) }
```

Border

The CSS property to change the border of an element to YIQ 55.1490, 46.4380, 39.4780 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(124, 17, 71) }
```


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

```
.border{ border-color:rgb(124, 17, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 17, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 17, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 17, 71);  
box-shadow:4px 4px 4px 4px rgb(124, 17,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 55.1490, 46.4380, 39.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 17, 71) }
```

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

```
.background{ background-color: rgb(124, 17,  
71) }
```

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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