

Converting Colors

YIQ(55.8490, 46.4420, 17.3700)

Have a look what the booklet for
YIQ(55.8490, 46.4420, 17.3700)
contains.

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Color

**YIQ(55.8490, 46.4420,
17.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	6F2022
RGB	111, 32, 34
RGB Percent	44%, 13%, 13%
CMY	0.5645, 0.8746, 0.8665
CMYK	0.00, 0.71, 0.69, 0.56
HSL	358°, 55%, 28%
HSV	358°, 71%, 44%
XYZ	7.3666, 4.5296, 2.0029
YIQ	55.8490, 46.4420, 17.3700

Conversions

Conversions Part 2

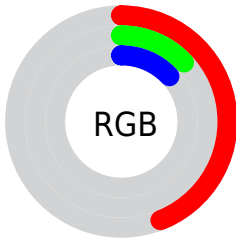
Format	Color
R_{YB}	111, 32, 34
Decimal	7282722
CIE Lab	25.35, 34.95, 18.50
CIE LCh	25, 39.540, 27.893
Yxy	4.5296, 0.5300, 0.3259
Android (android.graphics.Color)	4285472802 (0xFF6F2022)
YUV	55.8490, -10.7716, 48.3674
Hunter-Lab	21.2829, 24.5389, 9.3183

Details

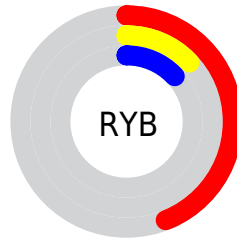
The YIQ color **55.8490, 46.4420, 17.3700** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **87.1510, -46.4420, -17.3700**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **106.9590, 51.9440, 16.7760**, and **17.0430, 33.9720, 12.0840** is the 20% darker color. If you saturate the color by 10%, you get **48.1380, 52.9980, 19.7020**, and if you desaturate by 10%, it is **63.5600, 39.8860, 15.0380**.

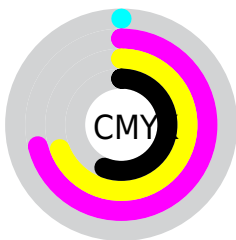
Distribution



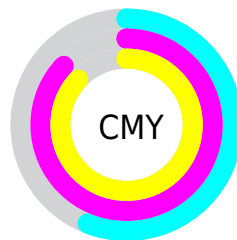
- Red (44%)
- Green (13%)
- Blue (13%)



- Red (44%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (71%)
- Yellow (69%)
- Black (56%)



- Cyan (56%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.8490, 46.4420, 17.3700 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 55.8490, 46.4420, 17.3700 by changing the saturation by 10% instead.

■ 55.8490, 46.4420,
17.3700

■ 55.8490, 46.4420,
17.3700

255.0000, -0.0000,
-0.0000

■ 28.3590, 45.0660,
20.2820

■ 106.9590, 51.9440,
16.7760

■ 17.0430, 33.9720,
12.0840

■ 133.0410, 54.6490,
17.3130

■ 8.4860, 16.3670,
6.2470

■ 160.1230, 57.3540,
17.8500

■ 0.0000, 0.0000,
0.0000

■ 187.6070, 58.8670,
17.9630

■ 206.5340, 42.7750,
12.2390

■ 226.1620, 26.0870,

6.3030

246.3770, 9.1240,
-0.1560

55.8490, 46.4420,
17.3700

55.8490, 46.4420,
17.3700

48.1380, 52.9980,
19.7020

63.5600, 39.8860,
15.0380

40.4270, 59.5540,
22.0340

71.2710, 33.3300,
12.7060

33.5310, 65.1930,
24.4650

78.8680, 27.0950,
10.0630

86.5790, 20.5390,
7.7310

94.2900, 13.9830,
5.3990

■ 102.5880, 7.1520,
2.5440

■ 110.2990, 0.5960,
0.2120

■ 118.0100, -5.9600,
-2.1200

■ 125.6070,
-12.1950, -4.7630

Harmonies

Analogous

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



56.3340, 38.1870, 29.3150



55.8490, 46.4420, 17.3700



56.8740, 44.1530, -1.7270

Triad

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



55.8490, 46.4420, 17.3700



44.6410, -27.8710, -29.0470



51.2480, -56.1200, 3.8480

Complementary

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



55.8490, 46.4420, 17.3700



87.1510, -46.4420, -17.3700

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.



54.3310, -55.1560, -2.6120



55.8490, 46.4420, 17.3700



49.3490, -38.3720, -20.4520

Square

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



55.8490, 46.4420, 17.3700



52.4960, 9.2660, -24.7660



52.7690, -48.0020, -11.1220



60.1390, -18.6640, 18.8720

Rectangle

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



55.8490, 46.4420, 17.3700



56.8140, 35.2140, -10.4340



52.7690, -48.0020, -11.1220



52.8950, -56.6240, 1.9680

Sweetspot

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



55.8490, 46.4420, 17.3700



124.0840, 17.5590, 6.6710



63.7300, 19.9370, 40.6810



60.7950, 11.0030, 4.3390



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.



55.8490, 46.4420, 17.3700



59.1190, 72.3450, 27.0090



77.3400, 36.9090, -2.6030



51.9080, 3.2550, 1.5830



36.2220, 70.5570, 26.3730



74.5370, 145.2860, 54.2300

Inverse Universe

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



55.8490, 46.4420, 17.3700



59.1190, 72.3450, 27.0090



65.6600, -36.9090, 2.6030



51.9080, 3.2550, 1.5830



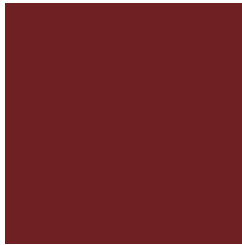
36.2220, 70.5570, 26.3730



74.5370, 145.2860, 54.2300

Previews

White Background



This preview shows how the YIQ color 55.8490, 46.4420, 17.3700 looks on a white background.

Color Contrast Check

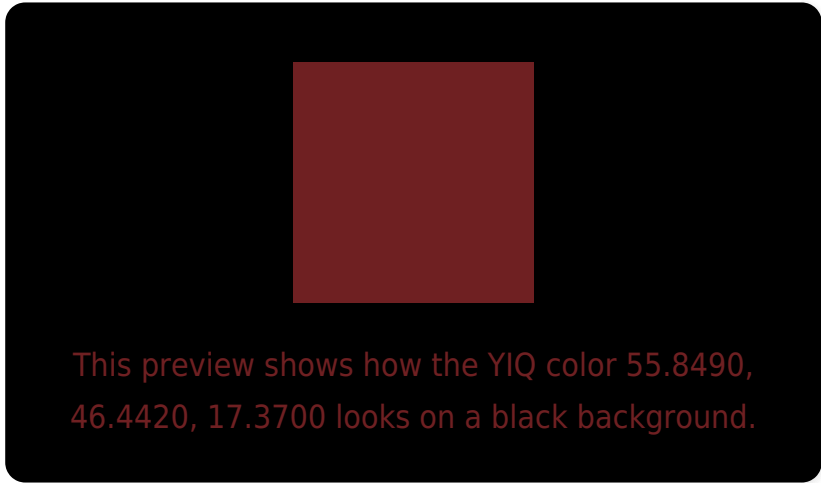
Large Text (above 18pt) WCAG AA ✓ Pass

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

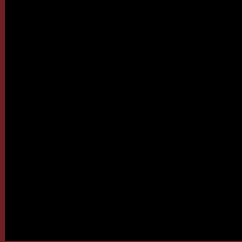
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.8490, 46.4420, 17.3700

Background



This preview shows how black text looks on a background with the YIQ color 55.8490, 46.4420, 17.3700.

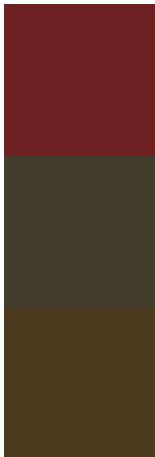


This preview shows how white text looks on a background with the YIQ color 55.8490, 46.4420,

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

55.8490, 46.4420, 17.3700

Protanopia

60.6710, 8.1160, -3.9160

Deuteranopia

60.7770, 19.4410, -5.4150



Tritanopia

55.7350, 46.7630, 17.0590

Trichromacy



Original Color

55.8490, 46.4420, 17.3700

Protanomaly

58.5420, 21.9610, 3.9850

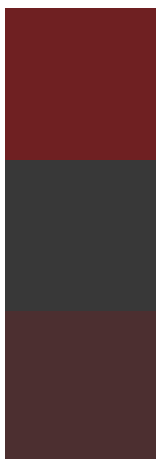
Deuteranomaly

58.9080, 29.6180, 2.8820

Tritanomaly

55.7350, 46.7630, 17.0590

Monochromacy



Original Color

55.8490, 46.4420, 17.3700

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.7850, 16.9630, 6.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.8490, 46.4420, 17.3700 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(111, 32, 34)` looks like.

```
.text, #text, p{  
    color:rgb(111, 32, 34)  
}
```

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(111, 32, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 32, 34) }
```

Border

The CSS property to change the border of an element to YIQ 55.8490, 46.4420, 17.3700 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(111, 32, 34) }
```


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

```
.border{ border-color:rgb(111, 32, 34) }
```

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

Here you see how a box with a 4 pixel rgb(111, 32, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 32, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 32, 34);  
box-shadow:4px 4px 4px 4px rgb(111, 32,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 55.8490, 46.4420, 17.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 32, 34) }
```

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

```
.background{ background-color: rgb(111, 32,  
34) }
```

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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