

Converting Colors

YUV(58.4870, -8.6211, 11.8509)

Have a look what the booklet for
YUV(58.4870, -8.6211, 11.8509)
contains.

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Color

**YUV(58.4870, -8.6211,
11.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	483729
RGB	72, 55, 41
RGB Percent	28%, 22%, 16%
CMY	0.7176, 0.7843, 0.8392
CMYK	0.00, 0.24, 0.43, 0.72
HSL	27°, 27%, 22%
HSV	27°, 43%, 28%
XYZ	4.4389, 4.2702, 2.6881
YIQ	58.4870, 14.6260, -0.7500

Conversions

Conversions Part 2

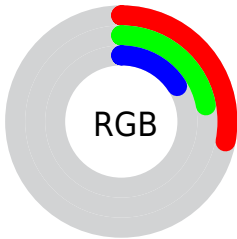
Format	Color
R_{YB}	72, 67, 41
Decimal	4732713
CIE Lab	24.55, 5.30, 11.67
CIE LCh	25, 12.815, 65.593
Yxy	4.2702, 0.3895, 0.3747
Android (android.graphics.Color)	4282922793 (0xFF483729)
YUV	58.4870, -8.6211, 11.8509
Hunter-Lab	20.6644, 2.1807, 6.7525

Details

The YUV color **58.4870, -8.6211, 11.8509** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.5130, 8.6211, -11.8509**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.8570, -9.7895, 13.2804**, and **15.7150, -7.7475, 11.6509** is the 20% darker color. If you saturate the color by 10%, you get **55.3410, -10.5211, 14.6099**, and if you desaturate by 10%, it is **61.6330, -6.7211, 9.0919**.

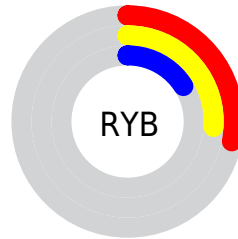
Distribution



Red (28%)

Green (22%)

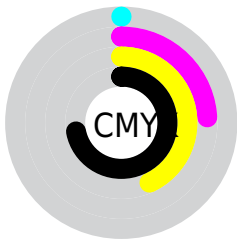
Blue (16%)



Red (28%)

Yellow (26%)

Blue (16%)

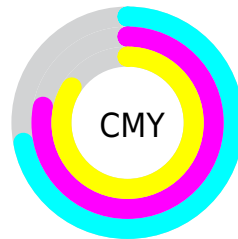


Cyan (0%)

Magenta (24%)

Yellow (43%)

Black (72%)



Cyan (72%)

Magenta (78%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.4870, -8.6211, 11.8509 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 YUV color 58.4870, -8.6211, 11.8509 by changing the saturation by 10% instead.

■ 58.4870, -8.6211,
11.8509

■ 58.4870, -8.6211,
11.8509

■ 255.0000, 0.0000,
0.0000

■ 37.0030, -7.8895,
10.5214

■ 105.8570, -9.7895,
13.2804

■ 15.7150, -7.7475,
11.6509

■ 131.1560, -9.9369,
13.8952

■ 0.0000, 0.0000,
0.0000

■ 157.3410,
-10.5211, 14.6099

■ 183.9390,
-10.8159, 15.8395

■ 211.8250,
-11.2527, 15.9395

■ 238.9280,

-10.8105, 14.0951

253.9740, -3.9312,
0.8998

58.4870, -8.6211,
11.8509

58.4870, -8.6211,
11.8509

55.3410, -10.5211,
14.6099

61.6330, -6.7211,
9.0919

52.1950, -12.4211,
17.3690

64.7790, -4.8210,
6.3328

48.9350, -14.7580,
20.2280

68.0390, -2.4842,
3.4738

45.7890, -16.6580,
22.9870

71.1850, -0.5842,
0.7148

42.6430, -18.5580,
25.7461

74.3310, 1.3158,
-2.0443

■ 40.8990, -20.1632,
27.2756

■ 77.4770, 3.2158,
-4.8033

■ 80.6230, 5.1159,
-7.5624

■ 83.8830, 7.4527,
-10.4214

■ 87.0290, 9.3527,
-13.1804

Harmonies

Analogous

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



59.0190, -5.4324, 15.7693



58.4870, -8.6211, 11.8509



57.3290, -9.0362, 4.9735

Triad

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



58.4870, -8.6211, 11.8509



53.9760, 2.9698, -19.2730



59.2590, 7.2673, 2.4039

Complementary

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



58.4870, -8.6211, 11.8509



54.5130, 8.6211, -11.8509

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.



58.0620, 9.3364, -7.9474



58.4870, -8.6211, 11.8509



53.5180, 7.6326, -21.5023

Square

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



58.4870, -8.6211, 11.8509



55.2390, -2.5828, -11.6106



55.2350, 10.2371, -16.8691



59.5760, 3.1670, 10.8958

Rectangle

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



58.4870, -8.6211, 11.8509



56.9370, -7.8569, 0.0553



55.2350, 10.2371, -16.8691



58.8780, 8.4411, -0.7700

Sweetspot

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



58.4870, -8.6211, 11.8509



89.1100, -3.5052, 4.2885



52.2070, 2.8559, 17.3585



44.8540, -1.9000, 2.7590



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



58.4870, -8.6211, 11.8509



72.5650, -13.5895, 18.7985



67.2920, -12.9620, 4.1289



34.3700, -1.1684, 1.4295



56.0160, -27.6159, 37.6970



127.7470, -62.9793, 87.0449

Inverse Universe

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



54.5130, 8.6211, -11.8509



66.4350, 13.5895, -18.7985



45.7080, 12.9620, -4.1289



33.6300, 1.1684, -1.4295



43.5710, 27.3265, -38.2118



98.6660, 63.2687, -86.5301

Previews

White Background



This preview shows how the YUV color 58.4870, -8.6211, 11.8509 looks on a white background.

Color Contrast Check

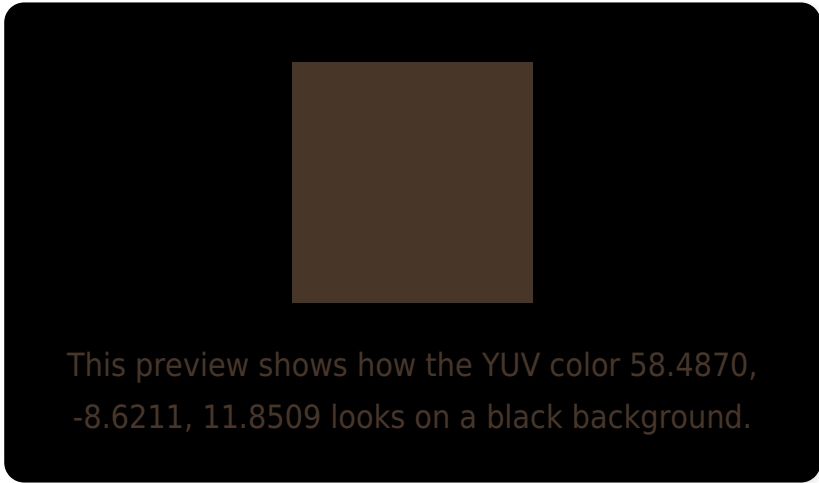
Large Text (above 18pt) WCAG AA ✓ Pass

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

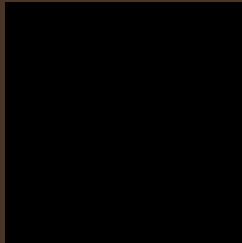
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.4870, -8.6211, 11.8509

Background



This preview shows how black text looks on a background with the YUV color 58.4870, -8.6211, 11.8509.

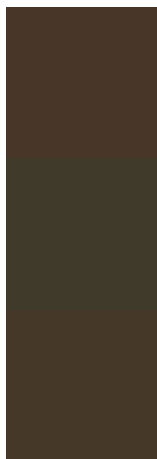


This preview shows how white text looks on a background with the YUV color 58.4870, -8.6211,

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

58.4870, -8.6211, 11.8509

Protanopia

57.6710, -7.7258, 4.6735

Deuteranopia

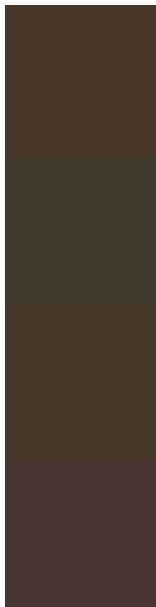
58.4760, -8.6157, 10.1065



Tritanopia

59.7350, -1.3484, 12.5104

Trichromacy



Original Color

58.4870, -8.6211, 11.8509

Protanomaly

57.9810, -7.8786, 7.0327

Deuteranomaly

58.7750, -8.7631, 10.7213

Tritanomaly

59.3390, -4.1111, 11.9807

Monochromacy



Original Color

58.4870, -8.6211, 11.8509

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2240, -3.0684, 4.1886

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.4870, -8.6211, 11.8509 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(72, 55, 41)` looks like.

```
.text, #text, p{  
    color:rgb(72, 55, 41)  
}
```

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(72, 55, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 55, 41) }
```

Border

The CSS property to change the border of an element to YUV 58.4870, -8.6211, 11.8509 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(72, 55, 41) }
```


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

```
.border{ border-color:rgb(72, 55, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 55, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 55, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 55, 41);  
box-shadow:4px 4px 4px 4px rgb(72, 55, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.4870, -8.6211, 11.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 55, 41) }
```

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

```
.background{ background-color: rgb(72, 55,  
41) }
```

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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