

Converting Colors

YUV(51.8450, -4.8536, 16.7989)

Have a look what the booklet for
YUV(51.8450, -4.8536, 16.7989)
contains.

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Color

**YUV(51.8450, -4.8536,
16.7989)**

Conversions

Conversions Part 1

Format	Color
Hex	472C2A
RGB	71, 44, 42
RGB Percent	28%, 17%, 16%
CMY	0.7216, 0.8275, 0.8353
CMYK	0.00, 0.38, 0.41, 0.72
HSL	4°, 26%, 22%
HSV	4°, 41%, 28%
XYZ	3.9171, 3.3081, 2.6226
YIQ	51.8450, 16.7340, 5.1020

Conversions

Conversions Part 2

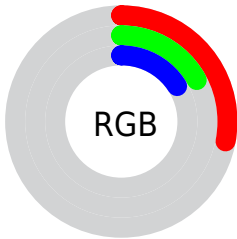
Format	Color
RYB	71, 44, 42
Decimal	4664362
CIELab	21.24, 12.20, 6.44
CIELCh	21, 13.798, 27.844
Yxy	3.3081, 0.3978, 0.3359
Android (android.graphics.Color)	4282854442 (0xFF472C2A)
YUV	51.8450, -4.8536, 16.7989
Hunter-Lab	18.1883, 6.6134, 4.1827




Details

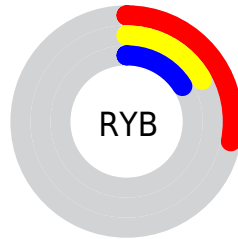
The YUV color **51.8450, -4.8536, 16.7989** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.1550, 4.8536, -16.7989**, and the grayscale version is **52.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **98.9270, -5.8800, 19.3580**, and **8.3720, -4.1274, 17.2138** is the 20% darker color. If you saturate the color by 10%, you get **46.9380, -5.8854, 21.1024**, and if you desaturate by 10%, it is **56.7520, -3.8217, 12.4955**.

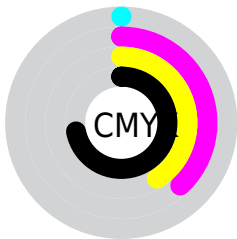
Distribution







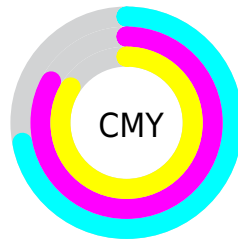
-  Red (28%)
-  Green (17%)
-  Blue (16%)






-  Red (28%)
-  Yellow (17%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (41%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (83%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.8450, -4.8536, 16.7989 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 51.8450, -4.8536, 16.7989 by changing the saturation by 10% instead.

■ 51.8450, -4.8536,
16.7989

■ 51.8450, -4.8536,
16.7989

■ 255.0000, 0.0000,
0.0000

■ 30.3610, -4.1220,
15.4694

■ 98.9270, -5.8800,
19.3580

■ 8.3720, -4.1274,
17.2138

■ 123.6390, -5.7380,
20.4876

■ 0.0000, 0.0000,
0.0000

■ 149.8240, -6.3222,
21.2024

■ 176.1230, -6.4696,
21.8171

■ 204.3080, -7.0538,
22.5319

■ 231.4110, -6.6116,

20.6876

251.1530, -2.0474,
3.3738

51.8450, -4.8536,
16.7989

51.8450, -4.8536,
16.7989

46.9380, -5.8854,
21.1024

56.7520, -3.8217,
12.4955

42.6180, -7.2067,
24.8910

61.0720, -2.5005,
8.7069

37.7110, -8.2385,
29.1945

65.9790, -1.4686,
4.4034

33.3910, -9.5598,
32.9831

70.2990, -0.1474,
0.6148

28.3700, -11.0284,
37.3865

75.3200, 1.3212,
-3.7886

■ 24.1640, -11.9129,
41.0752

■ 80.2270, 2.3531,
-8.0921

■ 84.5470, 3.6743,
-11.8807

■ 89.4540, 4.7062,
-16.1842

■ 93.7740, 6.0274,
-19.9728

Harmonies

Analogous

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



52.0990, -0.0488, 15.6992



51.8450, -4.8536, 16.7989



51.4980, -8.6265, 13.5953

Triad

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



51.8450, -4.8536, 16.7989



47.6090, -3.7512, -10.1811



49.3820, 10.6577, -11.7360

Complementary

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



51.8450, -4.8536, 16.7989



61.1550, 4.8536, -16.7989

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.



46.6150, 10.5428, -21.5874



51.8450, -4.8536, 16.7989



46.6340, 1.6594, -18.9730

Square

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



51.8450, -4.8536, 16.7989



49.2250, -7.9989, -1.0743



44.7950, 7.4961, -24.3762



51.8780, 8.4411, -0.7700

Rectangle

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



51.8450, -4.8536, 16.7989



50.8350, -9.7787, 9.7917



44.7950, 7.4961, -24.3762



48.4740, 11.1053, -15.3247

Sweetspot

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



51.8450, -4.8536, 16.7989



84.8760, -1.9109, 6.2477



53.7490, 7.5187, 15.1291



41.6800, -1.3212, 3.7886



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



51.8450, -4.8536, 16.7989



62.2160, -7.5015, 26.1206



60.0630, -8.9051, 9.5917



33.1960, -0.5896, 2.4591



33.7100, -16.6190, 57.2593



77.2650, -38.0916, 131.3176

Inverse Universe

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



61.1550, 4.8536, -16.7989



76.7840, 7.5015, -26.1206



52.9370, 8.9051, -9.5917



34.2170, 0.8790, -1.9443



65.8770, 16.3296, -57.7741



149.7350, 38.0916, -131.3176

Previews

White Background



This preview shows how the YUV color 51.8450, -4.8536, 16.7989 looks on a white background.

Color Contrast Check

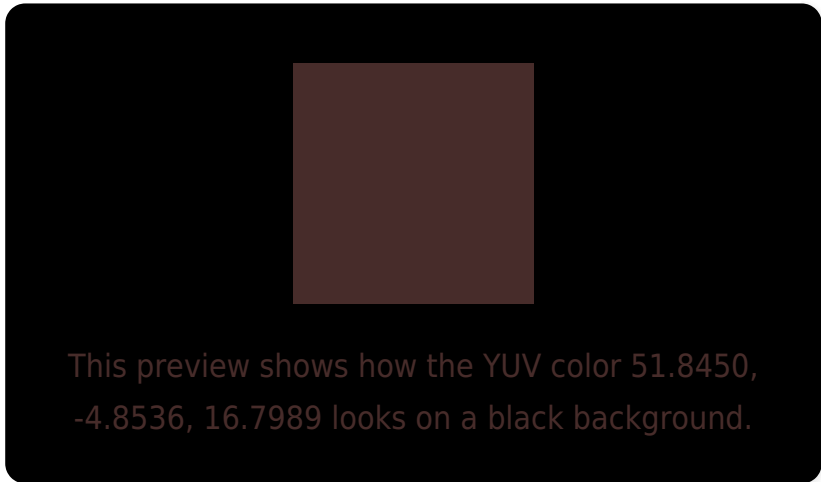
Large Text (above 18pt) WCAG AA ✓ Pass

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

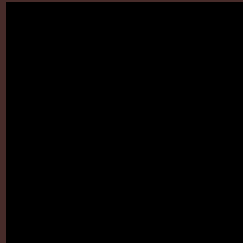
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.8450, -4.8536, 16.7989

Background



This preview shows how black text looks on a background with the YUV color 51.8450, -4.8536, 16.7989.



This preview shows how white text looks on a background with the YUV color 51.8450, -4.8536,

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

51.8450, -4.8536, 16.7989

Protanopia

51.3270, -2.6262, 2.3442

Deuteranopia

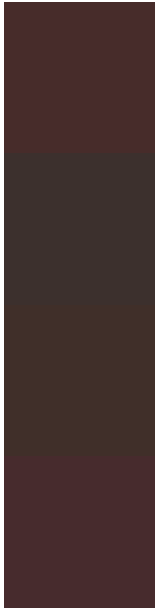
51.3770, -5.1159, 7.5624



Tritanopia

51.8280, -2.3802, 16.8138

Trichromacy



Original Color

51.8450, -4.8536, 16.7989

Protanomaly

51.2460, -3.0793, 7.6773

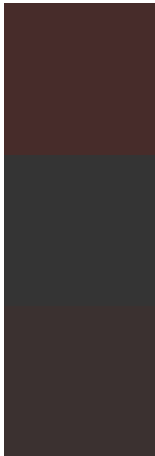
Deuteranomaly

51.3990, -5.1267, 11.0511

Tritanomaly

51.6000, -3.2538, 17.0138

Monochromacy



Original Color

51.8450, -4.8536, 16.7989

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8760, -1.9109, 6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8450, -4.8536, 16.7989 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(71, 44, 42)` looks like.

```
.text, #text, p{  
    color:rgb(71, 44, 42)  
}
```

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(71, 44, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 44, 42) }
```

Border

The CSS property to change the border of an element to YUV 51.8450, -4.8536, 16.7989 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(71, 44, 42) }
```


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

```
.border{ border-color:rgb(71, 44, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 44, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 44, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 44, 42);  
box-shadow:4px 4px 4px 4px rgb(71, 44, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.8450, -4.8536, 16.7989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 44, 42) }
```

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

```
.background{ background-color: rgb(71, 44,  
42) }
```

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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