

# Converting Colors

YUV(72.5520, -17.0341,  
50.3819)

Have a look what the booklet for  
YUV(72.5520, -17.0341, 50.3819)  
contains.

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# Color

**YUV(72.5520, -17.0341,  
50.3819)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	823226
RGB	130, 50, 38
RGB Percent	51%, 20%, 15%
CMY	0.4902, 0.8039, 0.8510
CMYK	0.00, 0.62, 0.71, 0.49
HSL	8°, 55%, 33%
HSV	8°, 71%, 51%
XYZ	10.6964, 7.1670, 2.6533
YIQ	72.5520, 51.5320, 13.2280

# Conversions

## Conversions Part 2

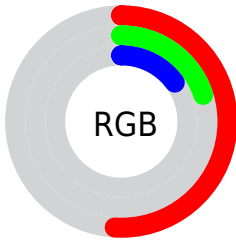
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 52, 38
Decimal	8532518
CIE Lab	32.18, 33.71, 25.09
CIE LCh	32, 42.023, 36.663
Yxy	7.1670, 0.5214, 0.3493
Android (android.graphics.Color)	4286722598 (0xFF823226)
YUV	72.5520, -17.0341, 50.3819
Hunter-Lab	26.7712, 24.4697, 12.8635

# Details

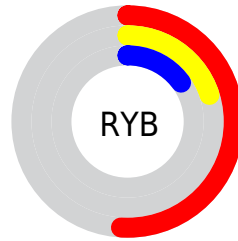
The YUV color **72.5520, -17.0341, 50.3819** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **95.4480, 17.0341, -50.3819**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3740, -20.3974, 55.8000**, and **22.4250, -11.0555, 46.1083** is the 20% darker color. If you saturate the color by 10%, you get **64.6130, -19.5292, 57.3444**, and if you desaturate by 10%, it is **80.4910, -14.5391, 43.4194**.

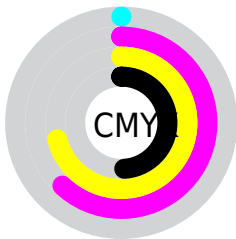
# Distribution



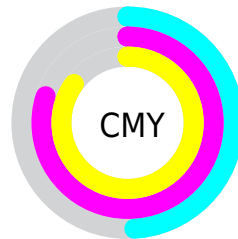
- Red (51%)
- Green (20%)
- Blue (15%)



- Red (51%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (62%)
- Yellow (71%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 72.5520, -17.0341, 50.3819 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 72.5520, -17.0341, 50.3819 by changing the saturation by 10% instead.



■ 72.5520, -17.0341,  
50.3819

■ 72.5520, -17.0341,  
50.3819

255.0000, 0.0000,  
0.0000

■ 47.1110, -14.8447,  
48.1377

■ 124.3740,  
-20.3974, 55.8000

■ 22.4250, -11.0555,  
46.1083

■ 150.5700,  
-20.9870, 58.2591

■ 14.6510, -7.2229,  
30.1241

■ 178.2390,  
-22.3028, 60.3034

■ 0.0000, 0.0000,  
0.0000

■ 199.4440,  
-19.9389, 48.7226

■ 218.9580,  
-16.2483, 31.6088

■ 239.1730,

-12.4103, 13.8803

253.5180, -5.6784,  
1.2997

72.5520, -17.0341,  
50.3819

72.5520, -17.0341,  
50.3819

64.6130, -19.5292,  
57.3444

80.4910, -14.5391,  
43.4194

56.0870, -21.7349,  
64.8217

89.0170, -12.3334,  
35.9421

48.8490, -24.0826,  
71.1694

96.9560, -9.8383,  
28.9796

104.8950, -7.3432,  
22.0171

113.4210, -5.1376,  
14.5398

■ 121.3600, -2.6425,  
7.5773

■ 129.2990, -0.1474,  
0.6148

■ 137.2380, 2.3477,  
-6.3477

■ 145.7640, 4.5533,  
-13.8250

# Harmonies

## Analogous

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



72.7000, -1.3311, 53.7601



72.5520, -17.0341, 50.3819



72.0820, -31.0994, 35.0081

# Triad

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



72.5520, -17.0341, 50.3819



57.7150, -4.7895, -50.6161



61.3870, 39.7422, -53.8364

# Complementary

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



72.5520, -17.0341, 50.3819



95.4480, 17.0341, -50.3819

# 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.



65.9860, 34.5169, -57.8697



72.5520, -17.0341, 50.3819



62.7650, 9.4829, -55.0449

# Square

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



72.5520, -17.0341, 50.3819



66.6690, -24.9798, -14.6187



65.8260, 23.7498, -57.7294



77.9880, 25.1489, 7.0265



# Rectangle

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



72.5520, -17.0341, 50.3819



71.2560, -35.1292, 20.8235



65.8260, 23.7498, -57.7294



63.7350, 38.5846, -55.8956

# Sweetspot

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



72.5520, -17.0341, 50.3819



146.4000, -6.6062, 18.9432



74.7420, 21.8192, 48.4613



71.0400, -3.9637, 11.3659



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



72.5520, -17.0341, 50.3819



78.9100, -26.5776, 78.1319



98.9670, -30.0567, 27.2159



59.6800, -1.3212, 3.7886



48.2510, -23.7877, 69.9399



0.0000, 0.0000, 0.0000



# Inverse Universe

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



95.4480, 17.0341, -50.3819



114.6770, 26.2882, -78.6467



69.0330, 30.0567, -27.2159



61.3200, 1.3212, -3.7886



79.7490, 23.7877, -69.9399



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 72.5520, -17.0341, 50.3819 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

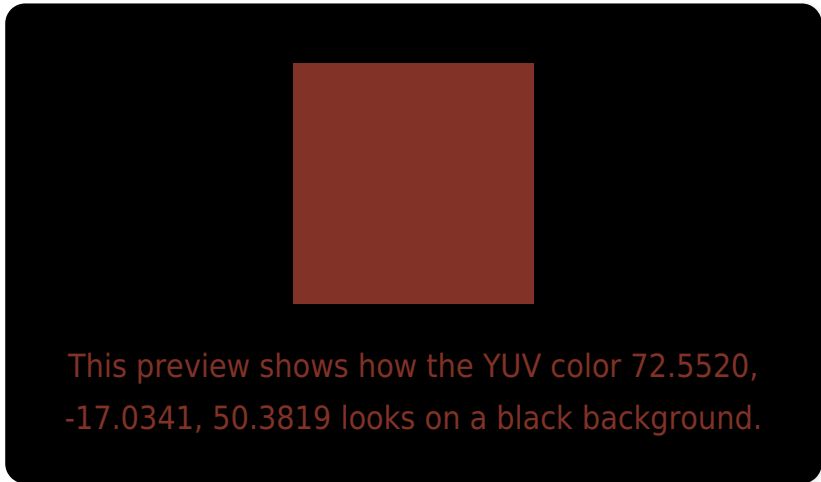
Any Text WCAG AA ✓ Pass

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 72.5520, -17.0341, 50.3819

## Background



This preview shows how black text looks on a background with the YUV color 72.5520, -17.0341, 50.3819.



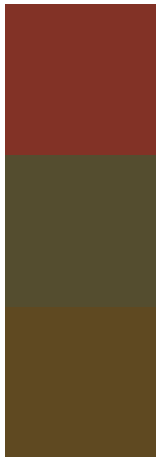
This preview shows how white text looks on a background with the YUV color 72.5520, -17.0341,



# 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

72.5520, -17.0341, 50.3819

### Protanopia

75.6730, -14.1358, 7.3028

### Deuteranopia

75.0180, -20.7149, 17.5242



## Tritanopia

73.1590, -10.9244, 50.7266

# Trichromacy



## Original Color

72.5520, -17.0341, 50.3819

## Protanomaly

74.5440, -15.0582, 23.2019

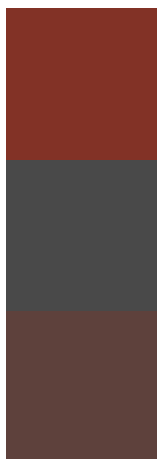
## Deuteranomaly

74.4370, -19.4424, 29.4348

## Tritanomaly

73.1760, -13.3978, 50.7116

# Monochromacy



## Original Color

72.5520, -17.0341, 50.3819

## Achromatopsia

73.0000, 0.0000, 0.0000

## Achromatomaly

73.1010, -6.4588, 18.3284

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 72.5520, -17.0341, 50.3819 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(130, 50, 38)` looks like.

```
.text, #text, p{  
    color:rgb(130, 50, 38)  
}
```

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(130, 50, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 50, 38) }
```

## Border

The CSS property to change the border of an element to YUV 72.5520, -17.0341, 50.3819 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(130, 50, 38) }
```



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

```
.border{ border-color:rgb(130, 50, 38) }
```

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

Here you see how a box with a 4 pixel rgb(130, 50, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 50, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 50, 38);  
box-shadow:4px 4px 4px 4px rgb(130, 50,  
38) }
```

# Background

The CSS property to change the background color of an element to YUV 72.5520, -17.0341, 50.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 50, 38) }
```

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

```
.background{ background-color: rgb(130, 50,  
38) }
```

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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