

# Converting Colors

YUV(73.1500, -17.3289,  
51.6115)

Have a look what the booklet for  
YUV(73.1500, -17.3289, 51.6115)  
contains.

<b>YUV(73.1500, -17.3289, 51.6115)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(73.1500, -17.3289,  
51.6115)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	843226
RGB	132, 50, 38
RGB Percent	52%, 20%, 15%
CMY	0.4824, 0.8039, 0.8510
CMYK	0.00, 0.62, 0.71, 0.48
HSL	8°, 55%, 33%
HSV	8°, 71%, 52%
XYZ	11.0062, 7.3267, 2.6678
YIQ	73.1500, 52.7240, 13.6520

# Conversions

## Conversions Part 2

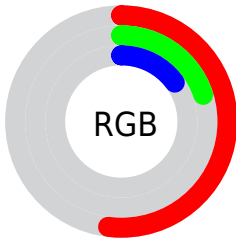
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 52, 38
Decimal	8663590
CIE Lab	32.54, 34.49, 25.60
CIE LCh	33, 42.949, 36.586
Yxy	7.3267, 0.5241, 0.3489
Android (android.graphics.Color)	4286853670 (0xFF843226)
YUV	73.1500, -17.3289, 51.6115
Hunter-Lab	27.0678, 25.2120, 13.1038

# Details

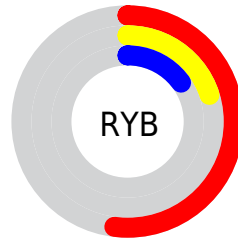
The YUV color **73.1500, -17.3289, 51.6115** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **96.8500, 17.3290, -51.6114**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9720, -20.6922, 57.0296**, and **23.0230, -11.3503, 47.3378** is the 20% darker color. If you saturate the color by 10%, you get **64.6240, -19.5346, 59.0888**, and if you desaturate by 10%, it is **81.6760, -15.1233, 44.1341**.

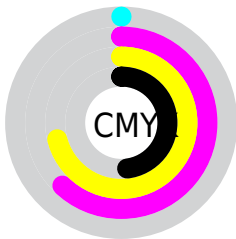
# Distribution



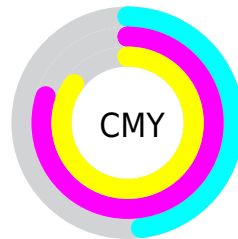
- Red (52%)
- Green (20%)
- Blue (15%)



- Red (52%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (62%)
- Yellow (71%)
- Black (48%)



- Cyan (48%)
- Magenta (80%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 73.1500, -17.3289, 51.6115 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 73.1500, -17.3289, 51.6115 by changing the saturation by 10% instead.



73.1500, -17.3289,  
51.6115

73.1500, -17.3289,  
51.6115

255.0000, 0.0000,  
0.0000

47.7090, -15.1395,  
49.3672

124.9720,  
-20.6922, 57.0296

23.0230, -11.3503,  
47.3378

151.7550,  
-21.5712, 58.9739

15.2490, -7.5178,  
31.3536

179.1360,  
-22.7450, 62.1477

1.7940, -0.8844,  
3.6887

199.4440,  
-19.9389, 48.7226

0.0000, 0.0000,  
0.0000

218.9580,  
-16.2483, 31.6088

239.1730,

-12.4103, 13.8803

253.6320, -5.2416,  
1.1997

73.1500, -17.3289,  
51.6115

73.1500, -17.3289,  
51.6115

64.6240, -19.5346,  
59.0888

81.6760, -15.1233,  
44.1341

56.6850, -22.0297,  
66.0513

89.6150, -12.6282,  
37.1716

49.4470, -24.3774,  
72.3990

98.2550, -9.9857,  
29.5944

106.1940, -7.4906,  
22.6319

114.7200, -5.2850,  
15.1546

■ 122.6590, -2.7899,  
8.1921

■ 131.1850, -0.5842,  
0.7148

■ 139.2380, 2.3477,  
-6.3477

■ 147.7640, 4.5533,  
-13.8250

# Harmonies

## Analogous

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



72.7110, -1.3365, 55.5045



73.1500, -17.3289, 51.6115



73.1530, -32.1204, 35.8228

# Triad

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



73.1500, -17.3289, 51.6115



58.3020, -5.0789, -51.1309



62.2020, 40.3264, -54.5512

# Complementary

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



73.1500, -17.3289, 51.6115



96.8500, 17.3290, -51.6114

# 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.



66.9150, 35.5379, -58.6845



73.1500, -17.3289, 51.6115



63.4660, 9.6303, -55.6597

# Square

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



73.1500, -17.3289, 51.6115



67.1420, -25.7060, -15.0335



66.6410, 24.3340, -58.4442



78.5150, 25.8751, 7.4413



# Rectangle

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



73.1500, -17.3289, 51.6115



72.1420, -35.5660, 20.9235



66.6410, 24.3340, -58.4442



64.5500, 39.1688, -56.6103

# Sweetspot

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



73.1500, -17.3289, 51.6115



148.6990, -6.7536, 19.5580



75.5680, 22.3980, 49.4909



73.3390, -4.1111, 11.9807



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



73.1500, -17.3289, 51.6115



79.9210, -26.5831, 79.8763



100.1520, -30.6409, 27.9307



62.3810, -1.1738, 3.1739



48.8490, -24.0826, 71.1694



0.8970, -0.4422, 1.8443



# Inverse Universe

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



96.8500, 17.3290, -51.6114



116.4920, 26.8724, -79.3615



69.8480, 30.6409, -27.9307



63.6190, 1.1738, -3.1739



81.1510, 24.0826, -71.1694



1.5160, 0.7316, -1.3295



# Previews

## White Background



This preview shows how the YUV color 73.1500, -17.3289, 51.6115 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

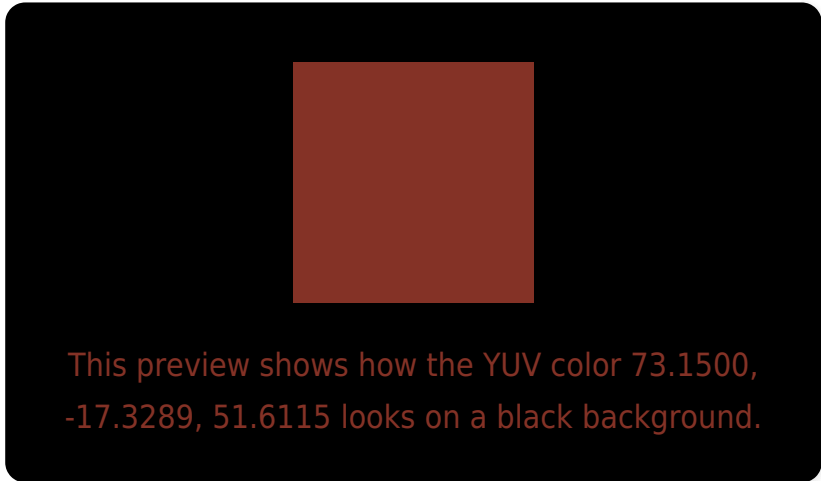
Any Text WCAG AA ✓ Pass

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

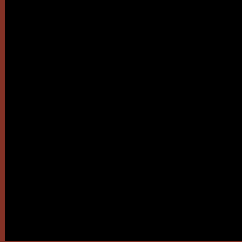
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 73.1500, -17.3289, 51.6115

## Background



This preview shows how black text looks on a background with the YUV color 73.1500, -17.3289, 51.6115.



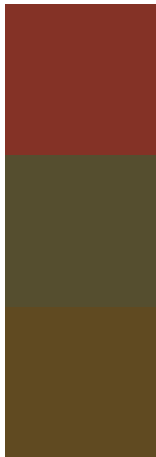
This preview shows how white text looks on a background with the YUV color 73.1500, -17.3289,



# 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

73.1500, -17.3289, 51.6115

### Protanopia

76.5590, -14.5726, 7.4028

### Deuteranopia

75.9040, -21.1517, 17.6242



## Tritanopia

73.7570, -11.2192, 51.9561

# Trichromacy



## Original Color

73.1500, -17.3289, 51.6115

## Protanomaly

75.4300, -15.4950, 23.3019

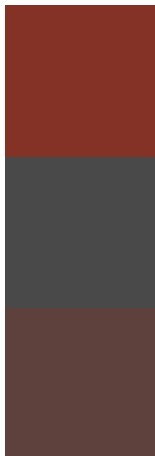
## Deuteranomaly

74.7360, -19.5898, 30.0495

## Tritanomaly

73.7740, -13.6926, 51.9412

# Monochromacy



## Original Color

73.1500, -17.3289, 51.6115

## 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 73.1500, -17.3289, 51.6115 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(132, 50, 38)` looks like.

```
.text, #text, p{  
    color:rgb(132, 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(132, 50, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 50, 38) }
```

## Border

The CSS property to change the border of an element to YUV 73.1500, -17.3289, 51.6115 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(132, 50, 38) }
```



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

```
.border{ border-color:rgb(132, 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(132, 50, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 50, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 50, 38);  
box-shadow:4px 4px 4px 4px rgb(132, 50,  
38) }
```

# Background

The CSS property to change the background color of an element to YUV 73.1500, -17.3289, 51.6115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 50, 38) }
```

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

```
.background{ background-color: rgb(132, 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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