

# Converting Colors

YUV(73.5100, -13.5624,  
10.0767)

Have a look what the booklet for  
YUV(73.5100, -13.5624, 10.0767)  
contains.

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# Color

**YUV(73.5100, -13.5624,  
10.0767)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55492E
RGB	85, 73, 46
RGB Percent	33%, 29%, 18%
CMY	0.6667, 0.7137, 0.8196
CMYK	0.00, 0.14, 0.46, 0.67
HSL	42°, 30%, 26%
HSV	42°, 46%, 33%
XYZ	6.6220, 6.8936, 3.5664
YIQ	73.5100, 15.8190, -5.8530

# Conversions

## Conversions Part 2

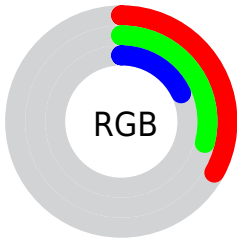
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 85, 46
Decimal	5589294
CIE Lab	31.56, 0.73, 18.02
CIE LCh	32, 18.030, 87.694
Yxy	6.8936, 0.3877, 0.4036
Android (android.graphics.Color)	4283779374 (0xFF55492E)
YUV	73.5100, -13.5624, 10.0767
Hunter-Lab	26.2557, -0.9278, 10.3256

# Details

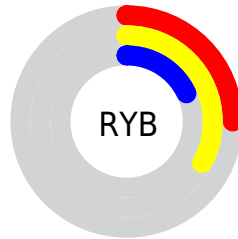
The YUV color **73.5100, -13.5624, 10.0767** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **57.4900, 13.5624, -10.0767**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1790, -14.8782, 12.1210**, and **29.5700, -14.5780, 9.1471** is the 20% darker color. If you saturate the color by 10%, you get **70.7230, -16.6254, 12.5209**, and if you desaturate by 10%, it is **76.1830, -10.9362, 7.7325**.

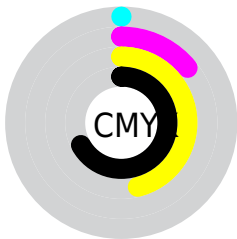
# Distribution



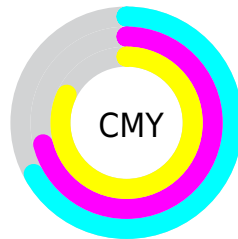
- Red (33%)
- Green (29%)
- Blue (18%)



- Red (25%)
- Yellow (33%)
- Blue (18%)



- Cyan (0%)
- Magenta (14%)
- Yellow (46%)
- Black (67%)



- Cyan (67%)
- Magenta (71%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 73.5100, -13.5624, 10.0767 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 73.5100, -13.5624, 10.0767 by changing the saturation by 10% instead.



■ 73.5100, -13.5624,  
10.0767

■ 73.5100, -13.5624,  
10.0767

■ 255.0000, 0.0000,  
0.0000

■ 51.0260, -12.8308,  
8.7472

■ 122.1790,  
-14.8782, 12.1210

■ 29.5700, -14.5780,  
9.1471

■ 148.0650,  
-15.3150, 12.2210

■ 6.2240, -3.0684,  
4.1886

■ 174.9510,  
-15.7518, 12.3210

■ 0.0000, 0.0000,  
0.0000

■ 202.4350,  
-16.4835, 13.6505

■ 230.3210,  
-16.9203, 13.7505

■ 251.4660,

-13.5407, 3.0993

254.7720, -0.8736,  
0.2000

■ 73.5100, -13.5624,  
10.0767

■ 73.5100, -13.5624,  
10.0767

■ 70.7230, -16.6254,  
12.5209

■ 76.1830, -10.9362,  
7.7325

■ 68.6370, -19.5410,  
14.3504

■ 78.3830, -7.5838,  
5.8031

■ 65.8500, -22.6040,  
16.7946

■ 81.0560, -4.9576,  
3.4589

■ 63.7640, -25.5197,  
18.6240

■ 83.2560, -1.6052,  
1.5295

■ 61.0910, -28.1459,  
20.9682

■ 85.9290, 1.0210,  
-0.8147

■ 60.0480, -29.6037,  
21.8829

■ 88.7160, 4.0840,  
-3.2589

■ 90.8020, 6.9996,  
-5.0884

■ 93.5890, 10.0626,  
-7.5326

■ 96.2620, 12.6888,  
-9.8768

# Harmonies

## Analogous

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



74.4340, -11.5530, 18.9134



73.5100, -13.5624, 10.0767



71.7150, -11.1985, -1.5041

# Triad

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



73.5100, -13.5624, 10.0767



65.8260, 10.4388, -34.9274



76.2110, 6.7980, 12.9700

# Complementary

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



73.5100, -13.5624, 10.0767



57.4900, 13.5624, -10.0767

# 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.



75.3880, 11.6407, -0.3403



73.5100, -13.5624, 10.0767



67.9990, 14.7905, -30.6941

# Square

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



73.5100, -13.5624, 10.0767



67.5190, 2.7021, -26.7652



72.0870, 14.7471, -16.7393



76.4310, -0.2125, 21.5470



# Rectangle

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



73.5100, -13.5624, 10.0767



70.8710, -7.8244, -10.4109



72.0870, 14.7471, -16.7393



76.2320, 8.2666, 8.5665

# Sweetspot

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



73.5100, -13.5624, 10.0767



105.2410, -5.5418, 4.1736



59.0290, -0.5073, 22.7766



53.2130, -3.0630, 2.4442



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



73.5100, -13.5624, 10.0767



91.8930, -21.1462, 15.8798



78.4610, -16.0033, -0.4043



41.9570, -1.4578, 0.9147



75.4310, -37.1875, 27.6860



165.3590, -81.5220, 61.0752



# Inverse Universe

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



57.4900, 13.5624, -10.0767



67.1070, 21.1462, -15.8798



52.5390, 16.0033, 0.4043



40.0430, 1.4578, -0.9147



31.5690, 37.1875, -27.6860



69.0540, 81.8114, -60.5604



# Previews

## White Background



This preview shows how the YUV color 73.5100, -13.5624, 10.0767 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



This preview shows how the YUV color 73.5100, -13.5624, 10.0767 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

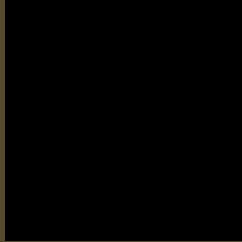
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 73.5100, -13.5624, 10.0767

## Background



This preview shows how black text looks on a background with the YUV color 73.5100, -13.5624, 10.0767.



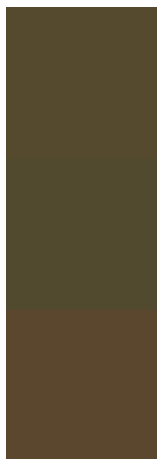
This preview shows how white text looks on a background with the YUV color 73.5100, -13.5624,



# 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

73.5100, -13.5624, 10.0767

### Protanopia

73.0150, -12.8254, 7.0028

### Deuteranopia

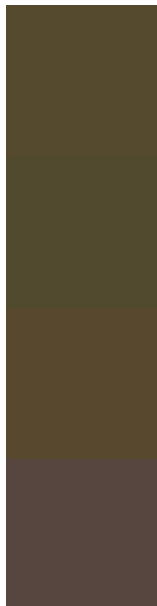
73.8310, -13.7207, 14.1802



## Tritanopia

75.3650, -0.1799, 11.0809

# Trichromacy



## Original Color

73.5100, -13.5624, 10.0767

## Protanomaly

73.3140, -12.9728, 7.6176

## Deuteranomaly

73.8200, -13.7153, 12.4359

## Tritanomaly

74.3990, -5.1267, 11.0511

# Monochromacy



## Original Color

73.5100, -13.5624, 10.0767

## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

74.0560, -4.9576, 3.4589

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.5100, -13.5624, 10.0767 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(85, 73, 46)` looks like.

```
.text, #text, p{  
    color:rgb(85, 73, 46)  
}
```

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(85, 73, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 73, 46) }
```

## Border

The CSS property to change the border of an element to YUV 73.5100, -13.5624, 10.0767 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(85, 73, 46) }
```



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

```
.border{ border-color:rgb(85, 73, 46) }
```

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

Here you see how a box with a 4 pixel rgb(85, 73, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 73, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 73, 46);  
box-shadow:4px 4px 4px 4px rgb(85, 73, 46)  
}
```

# Background

The CSS property to change the background color of an element to YUV 73.5100, -13.5624, 10.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 73, 46) }
```

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

```
.background{ background-color: rgb(85, 73,  
46) }
```

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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