

# Converting Colors

YUV(73.1220, -25.2031,  
10.4170)

Have a look what the booklet for  
YUV(73.1220, -25.2031, 10.4170)  
contains.

<b>YUV(73.1220, -25.2031, 10.4170)</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(73.1220, -25.2031,  
10.4170)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	554D16
RGB	85, 77, 22
RGB Percent	33%, 30%, 9%
CMY	0.6667, 0.6980, 0.9137
CMYK	0.00, 0.09, 0.74, 0.67
HSL	52°, 59%, 21%
HSV	52°, 74%, 33%
XYZ	6.5450, 7.2970, 1.8226
YIQ	73.1220, 22.4230, -15.4090

# Conversions

## Conversions Part 2

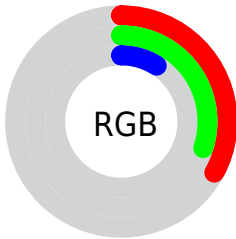
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 85, 22
Decimal	5590294
CIELab	32.47, -4.00, 32.41
CIElCh	32, 32.660, 97.031
Yxy	7.2970, 0.4178, 0.4658
Android (android.graphics.Color)	4283780374 (0xFF554D16)
YUV	73.1220, -25.2031, 10.4170
Hunter-Lab	27.0129, -4.0235, 14.9088

# Details

The YUV color **73.1220, -25.2031, 10.4170** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **33.8780, 25.2031, -10.4170**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.7910, -26.5190, 12.4613**, and **30.4340, -15.0040, 5.7584** is the 20% darker color. If you saturate the color by 10%, you get **71.5090, -28.8449, 11.8316**, and if you desaturate by 10%, it is **74.6210, -21.9982, 9.1024**.

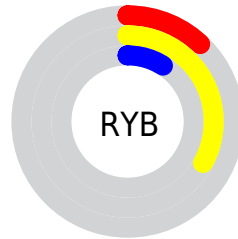
# Distribution



 Red (33%)

 Green (30%)

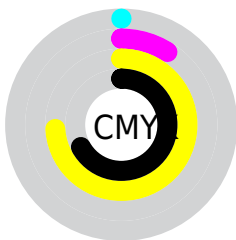
 Blue (9%)



 Red (12%)

 Yellow (33%)

 Blue (9%)

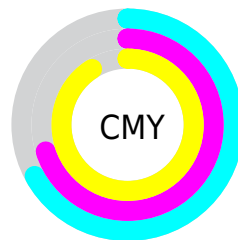


 Cyan (0%)

 Magenta (9%)

 Yellow (74%)

 Black (67%)



 Cyan (67%)

 Magenta (70%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 73.1220, -25.2031, 10.4170 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 73.1220, -25.2031, 10.4170 by changing the saturation by 10% instead.



■ 73.1220, -25.2031,  
10.4170

■ 73.1220, -25.2031,  
10.4170

■ 255.0000, 0.0000,  
0.0000

■ 49.9370, -24.6189,  
9.7023

■ 122.7910,  
-26.5190, 12.4613

■ 30.4340, -15.0040,  
5.7584

■ 148.8620,  
-27.5400, 13.2760

■ 8.2400, -4.0623,  
-3.7185

■ 175.3460,  
-28.2716, 14.6056

■ 0.0000, 0.0000,  
0.0000

■ 203.1180,  
-29.1452, 14.8055

■ 231.3030,  
-29.7294, 15.5203

■ 248.5020,

-24.8975, 5.6987

■ 251.8080,  
-12.2303, 2.7994

■ 73.1220, -25.2031,  
10.4170

■ 73.1220, -25.2031,  
10.4170

■ 71.5090, -28.8449,  
11.8316

■ 74.6210, -21.9982,  
9.1024

■ 70.0100, -32.0499,  
13.1462

■ 76.2340, -18.3564,  
7.6878

■ 68.8530, -33.9445,  
14.1609

■ 77.7330, -15.1514,  
6.3732

■ 79.3460, -11.5096,  
4.9586

■ 80.8450, -8.3046,  
3.6439

■ 82.4580, -4.6628,  
2.2293

■ 84.5440, -1.7472,  
0.3999

■ 86.1570, 1.8946,  
-1.0147

■ 87.6560, 5.0996,  
-2.3293

# Harmonies

## Analogous

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



75.1010, -23.2208, 27.9754



73.1220, -25.2031, 10.4170



70.4120, -18.4441, -10.8853

# Triad

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



73.1220, -25.2031, 10.4170



63.8540, 21.2710, -56.0000



78.3040, 9.2171, 30.4284

# Complementary

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



73.1220, -25.2031, 10.4170



33.8780, 25.2031, -10.4170

# 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.



78.4950, 19.4760, 6.5819



73.1220, -25.2031, 10.4170



63.3300, 29.4173, -55.5404

# Square

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



73.1220, -25.2031, 10.4170



61.5910, 10.0616, -54.0153



71.3380, 27.4414, -28.3604



76.2810, -2.6035, 41.8496



# Rectangle

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



73.1220, -25.2031, 10.4170



66.5930, -9.6593, -28.5841



71.3380, 27.4414, -28.3604



78.5850, 13.0226, 23.1660

# Sweetspot

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



73.1220, -25.2031, 10.4170



105.5030, -9.6150, 3.9439



41.7490, -5.7923, 37.9311



53.2300, -5.5364, 2.4293



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.



73.1220, -25.2031, 10.4170



91.1970, -39.0441, 16.4902



70.9410, -24.1279, -7.8413



42.5440, -1.7472, 0.3999



87.1710, -42.9753, 17.3900



190.6000, -93.9658, 38.9388



# Inverse Universe

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



33.8780, 25.2031, -10.4170



30.2160, 39.3335, -15.9754



36.0590, 24.1279, 7.8413



40.0430, 1.4578, -0.9147



20.4160, 42.6859, -17.9048



44.4000, 93.9658, -38.9388



# Previews

## White Background



This preview shows how the YUV color 73.1220, -25.2031, 10.4170 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 73.1220, -25.2031, 10.4170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

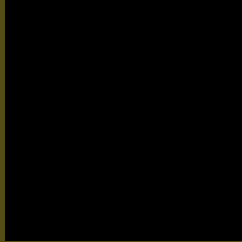
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 73.1220, -25.2031, 10.4170

## Background



This preview shows how black text looks on a background with the YUV color 73.1220, -25.2031, 10.4170.



This preview shows how white text looks on a background with the YUV color 73.1220, -25.2031,



# 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

73.1220, -25.2031, 10.4170

### Protanopia

73.4210, -25.3506, 11.0318

### Deuteranopia

74.2910, -24.7935, 19.0388



## Tritanopia

77.6530, -0.3219, 9.9513

# Trichromacy



## Original Color

73.1220, -25.2031, 10.4170

## Protanomaly

73.4210, -25.3506, 11.0318

## Deuteranomaly

73.5680, -24.9300, 16.1649

## Tritanomaly

76.2480, -9.4893, 10.3065

# Monochromacy



## Original Color

73.1220, -25.2031, 10.4170

## Achromatopsia

73.0000, 0.0000, 0.0000

## Achromatomaly

72.6170, -9.1782, 3.8439

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.1220, -25.2031, 10.4170 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, 77, 22)` looks like.

```
.text, #text, p{  
    color:rgb(85, 77, 22)  
}
```

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, 77, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 77, 22) }
```

## Border

The CSS property to change the border of an element to YUV 73.1220, -25.2031, 10.4170 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, 77, 22) }
```



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

```
.border{ border-color:rgb(85, 77, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 77, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 77, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 77, 22);  
box-shadow:4px 4px 4px 4px rgb(85, 77, 22)  
}
```

# Background

The CSS property to change the background color of an element to YUV 73.1220, -25.2031, 10.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 77, 22) }
```

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

```
.background{ background-color: rgb(85, 77,  
22) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor