

# Converting Colors

YUV(153.7530, -75.8002,  
45.8206)

Have a look what the booklet for  
YUV(153.7530, -75.8002, 45.8206)  
contains.

<b>YUV(153.7530, -75.8002, 45.8206)</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(153.7530, -75.8002,  
45.8206)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE9D00
RGB	206, 157, 0
RGB Percent	81%, 62%, 0%
CMY	0.1922, 0.3843, 1.0000
CMYK	0.00, 0.24, 1.00, 0.19
HSL	46°, 100%, 40%
HSV	46°, 100%, 81%
XYZ	37.5106, 37.2358, 5.2102
YIQ	153.7530, 79.6010, -38.4390

# Conversions

## Conversions Part 2

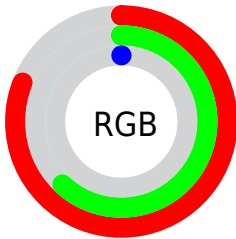
Format	Color
<a href="#">RYB</a>	64, 206, 0
Decimal	13540608
CIELab	67.45, 7.04, 71.28
CIELCh	67, 71.623, 84.359
Yxy	37.2358, 0.4691, 0.4657
Android (android.graphics.Color)	4291730688 (0xFFCE9D00)
YUV	153.7530, -75.8002, 45.8206
Hunter-Lab	61.0211, 2.9396, 37.6524

# Details

The YUV color **153.7530, -75.8002, 45.8206** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **52.2470, 75.8002, -45.8206**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.7660, -65.4536, 40.5472**, and **105.8760, -52.1969, 35.1887** is the 20% darker color. If you saturate the color by 10%, you get **153.7530, -75.8002, 45.8206**, and if you desaturate by 10%, it is **159.0820, -68.0744, 41.1471**.

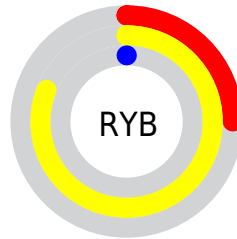
# Distribution



Red (81%)

Green (62%)

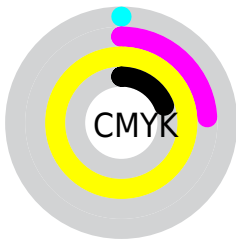
Blue (0%)



Red (25%)

Yellow (81%)

Blue (0%)

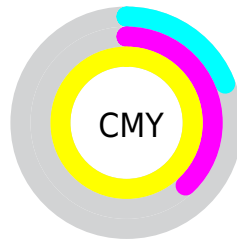


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (38%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 153.7530, -75.8002, 45.8206 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 153.7530, -75.8002, 45.8206 by changing the saturation by 10% instead.



 153.7530,  
-75.8002, 45.8206


 153.7530,  
-75.8002, 45.8206


255.0000, 0.0000,  
0.0000

 129.5210,  
-63.8539, 40.7621


 208.7660,  
-65.4536, 40.5472


 105.8760,  
-52.1969, 35.1887


 228.3940,  
-61.3262, 23.3335

 83.1170, -40.9767,  
29.7154


 240.8640,  
-54.1630, 12.3973

 61.8310, -30.4827,  
23.8272

 244.1700,  
-41.4958, 9.4979

 40.8440, -20.1361,  
18.5538

 247.3620,  
-29.2655, 6.6985

 21.6290, -10.6631,  
13.4804

 250.6680,

 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

■ 253.9740, -3.9312,  
0.8998

■ 153.7530,  
-75.8002, 45.8206

■ 159.0820,  
-68.0744, 41.1471

■ 164.2970,  
-60.7854, 36.5735

■ 169.6260,  
-53.0596, 31.9000

■ 174.8410,  
-45.7706, 27.3264

■ 179.5830,  
-37.7554, 23.1677

■ 184.9120,  
-30.0296, 18.4942

■ 190.1270,  
-22.7406, 13.9206

■ 195.4560,  
-15.0148, 9.2471

■ 200.6710, -7.7258,  
4.6735

# Harmonies

## Analogous

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



159.1560, -49.8699, 82.3012



153.7530, -75.8002, 45.8206



149.4030, -61.8237, -3.8614

# Triad

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



153.7530, -75.8002, 45.8206



138.5020, 38.2065, -121.4663



168.3310, 35.3328, 54.0837

# Complementary

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



153.7530, -75.8002, 45.8206



52.2470, 75.8002, -45.8206

# 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.



159.8550, 46.9065, -18.2898



153.7530, -75.8002, 45.8206



140.0130, 56.6886, -122.7914

# Square

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



153.7530, -75.8002, 45.8206



130.3910, 9.6672, -114.3529



132.3820, 60.4507, -116.0990



155.3510, 11.6590, 87.3922



# Rectangle

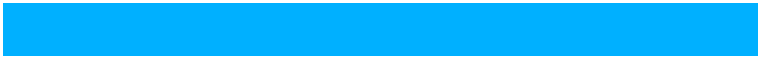
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



153.7530, -75.8002, 45.8206



143.1000, -38.9963, -45.6917



132.3820, 60.4507, -116.0990



168.7350, 42.5286, 32.6814

# Sweetspot

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



153.7530, -75.8002, 45.8206



235.7700, -27.9876, 16.8647



67.5220, -7.6523, 121.4452



116.2990, -16.9094, 10.2618



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



153.7530, -75.8002, 45.8206



190.1230, -93.7306, 56.8971



167.2670, -82.4626, -10.7582



99.6860, -3.7892, 2.0294



123.5960, -60.9328, 37.1883



28.3850, -13.9938, 8.4324



# Inverse Universe

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



52.2470, 75.8002, -45.8206



64.8770, 93.7306, -56.8971



39.0320, 82.3152, 11.3729



94.3140, 3.7892, -2.0294



41.8170, 61.2222, -36.6735



9.6150, 13.9938, -8.4324



# Previews

## White Background



This preview shows how the YUV color 153.7530, -75.8002, 45.8206 looks on a white 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



# Black Background



This preview shows how the YUV color 153.7530, -75.8002, 45.8206 looks on a black 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

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

# YUV 153.7530, -75.8002, 45.8206

## Background



This preview shows how black text looks on a background with the YUV color 153.7530, -75.8002, 45.8206.



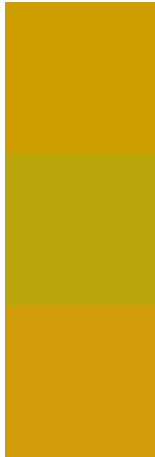
This preview shows how white text looks on a background with the YUV color 153.7530, -75.8002,



# 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

153.7530, -75.8002, 45.8206

### Protanopia

153.7230, -70.3624, 28.3069

### Deuteranopia

154.5620, -72.7481, 46.8651



## Tritanopia

167.5860, -5.2189, 40.7051

# Trichromacy



## Original Color

153.7530, -75.8002, 45.8206

## Protanomaly

153.5990, -72.2733, 34.5547

## Deuteranomaly

153.9210, -73.9111, 46.5503

## Tritanomaly

162.5390, -30.8317, 42.5003

# Monochromacy



## Original Color

153.7530, -75.8002, 45.8206

## Achromatopsia

154.0000, 0.0000, 0.0000

## Achromatomaly

153.8840, -27.5508, 16.7647

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.7530, -75.8002, 45.8206 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(206, 157, 0)` looks like.

```
.text, #text, p{  
    color:rgb(206, 157, 0)  
}
```

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(206, 157, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 157, 0) }
```

## Border

The CSS property to change the border of an element to YUV 153.7530, -75.8002, 45.8206 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(206, 157, 0) }
```



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

```
.border{ border-color:rgb(206, 157, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 157, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 157, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 157, 0);  
box-shadow:4px 4px 4px 4px rgb(206, 157,  
0) }
```

# Background

The CSS property to change the background color of an element to YUV 153.7530, -75.8002, 45.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 157, 0) }
```

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

```
.background{ background-color: rgb(206,  
157, 0) }
```

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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