

# Converting Colors

YUV(101.1010, -49.8428,  
73.5794)

Have a look what the booklet for  
YUV(101.1010, -49.8428, 73.5794)  
contains.

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# Color

**YUV(101.1010, -49.8428,  
73.5794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B94E00
RGB	185, 78, 0
RGB Percent	73%, 31%, 0%
CMY	0.2745, 0.6941, 1.0000
CMYK	0.00, 0.58, 1.00, 0.27
HSL	25°, 100%, 36%
HSV	25°, 100%, 73%
XYZ	22.7320, 15.7631, 1.8445
YIQ	101.1010, 88.8100, -1.5740

# Conversions

## Conversions Part 2

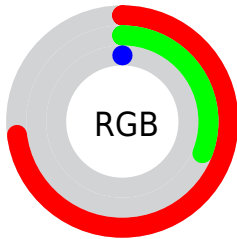
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 135, 0
Decimal	12144128
CIELab	46.66, 40.27, 56.67
CIELCh	47, 69.522, 54.605
Yxy	15.7631, 0.5635, 0.3908
Android (android.graphics.Color)	4290334208 (0xFFB94E00)
YUV	101.1010, -49.8428, 73.5794
Hunter-Lab	39.7027, 32.7212, 25.0375

# Details

The YUV color **101.1010, -49.8428, 73.5794** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **83.8990, 49.8428, -73.5794**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1880, -48.4067, 79.6421**, and **52.3380, -25.8026, 62.8476** is the 20% darker color. If you saturate the color by 10%, you get **101.1010, -49.8428, 73.5794**, and if you desaturate by 10%, it is **109.6100, -45.1637, 66.1170**.

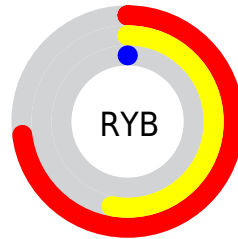
# Distribution



Red (73%)

Green (31%)

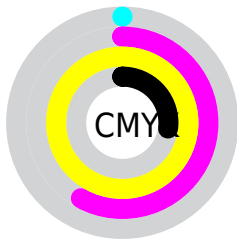
Blue (0%)



Red (73%)

Yellow (53%)

Blue (0%)

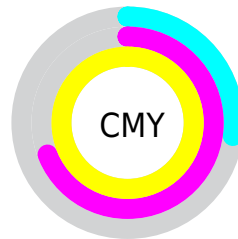


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.1010, -49.8428, 73.5794 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 101.1010, -49.8428, 73.5794 by changing the saturation by 10% instead.



101.1010,  
-49.8428, 73.5794

101.1010,  
-49.8428, 73.5794

254.3160, -2.6208,  
0.5999

77.1570, -38.0384,  
67.3913

157.1880,  
-48.4067, 79.6421

52.3380, -25.8026,  
62.8476

177.9800,  
-46.3321, 67.5465

28.1060, -13.8563,  
57.7890

196.7930,  
-42.7889, 51.0475

19.4350, -9.5815,  
39.9605

216.3070,  
-39.0984, 33.9338


11.7750, -5.3121,  
23.8763


236.4080,  
-35.6971, 16.3052


0.0000, 0.0000,  
0.0000


247.8180,


-27.5183, 6.2986

 251.0100,  
-15.2879, 3.4992


 101.1010,  
-49.8428, 73.5794

 109.6100,  
-45.1637, 66.1170

 117.6460,  
-39.7585, 59.0695

 126.2690,  
-34.6426, 51.5071

 134.7780,  
-29.9636, 44.0447

 143.4010,  
-24.8477, 36.4823

■ 151.3230,  
-19.8792, 29.5347

■ 159.9460,  
-14.7634, 21.9724

■ 168.4550,  
-10.0843, 14.5100

■ 176.4910, -4.6791,  
7.4624

# Harmonies

## Analogous

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



95.8430, -14.7126, 99.2387



101.1010, -49.8428, 73.5794



104.3920, -51.4653, 33.8592

# Triad

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



101.1010, -49.8428, 73.5794



90.4170, 3.7384, -79.2957



106.8740, 54.7851, -25.3225

# Complementary

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



101.1010, -49.8428, 73.5794



83.8990, 49.8428, -73.5794

# 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.



97.0190, 64.5736, -85.0857



101.1010, -49.8428, 73.5794



97.8440, 29.6569, -85.8092

# Square

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



101.1010, -49.8428, 73.5794



80.8870, -22.6223, -70.9379



100.9680, 51.7808, -88.5489



110.8530, 33.5965, 50.9949



# Rectangle

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



101.1010, -49.8428, 73.5794



100.9710, -49.7787, 6.1644



100.9680, 51.7808, -88.5489



89.0460, 67.0253, -78.0933

# Sweetspot

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



101.1010, -49.8428, 73.5794



207.1380, -19.2950, 28.8200



67.6270, 19.9039, 102.9361



100.4230, -11.5475, 17.1690



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



101.1010, -49.8428, 73.5794



131.0470, -64.6062, 95.5518



155.1050, -76.4668, 26.2179



87.4520, -2.1948, 3.9886



85.3860, -42.0953, 61.9285



15.4160, -7.6001, 11.0362



# Inverse Universe

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



83.8990, 49.8428, -73.5794



108.9530, 64.6062, -95.5518



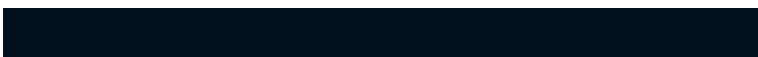
29.8950, 76.4668, -26.2179



86.9610, 2.4842, -3.4738



70.6140, 42.0953, -61.9285



12.5840, 7.6001, -11.0362



# Previews

## White Background



This preview shows how the YUV color 101.1010, -49.8428, 73.5794 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 × Fail



# Black Background



This preview shows how the YUV color 101.1010, -49.8428, 73.5794 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 101.1010, -49.8428, 73.5794

## Background



This preview shows how black text looks on a background with the YUV color 101.1010, -49.8428, 73.5794.



This preview shows how white text looks on a background with the YUV color 101.1010, -49.8428, 73.5794.



# 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



### Protanopia

105.1710, -42.9753, 17.3900

### Deuteranopia

104.3810, -51.4598, 32.1149

### Tritanopia

107.5420, -15.0572, 69.6847

# Trichromacy



## Protanomaly

103.9070, -45.8032, 37.7926

## Deuteranomaly

103.2950, -50.9244, 47.0993

## Tritanomaly

105.2250, -27.7189, 70.8397

# Monochromacy



## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.3550, -18.4160, 26.8757

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.1010, -49.8428, 73.5794 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(185, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 78, 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(185, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 78, 0) }
```

## Border

The CSS property to change the border of an element to YUV 101.1010, -49.8428, 73.5794 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(185, 78, 0) }
```

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

```
.border{ border-color:rgb(185, 78, 0) }
```

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

Here you see how a box with a 4 pixel rgb(185, 78, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 78, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 78, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 78, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 101.1010, -49.8428, 73.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 78, 0) }
```

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

```
.background{ background-color: rgb(185, 78,  
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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