

# Converting Colors

YUV(100.2390, -49.4178,  
30.4854)

Have a look what the booklet for  
YUV(100.2390, -49.4178, 30.4854)  
contains.

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# Color

**YUV(100.2390, -49.4178,  
30.4854)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876600
RGB	135, 102, 0
RGB Percent	53%, 40%, 0%
CMY	0.4706, 0.6000, 1.0000
CMYK	0.00, 0.24, 1.00, 0.47
HSL	45°, 100%, 26%
HSV	45°, 100%, 53%
XYZ	14.7430, 14.6536, 2.0514
YIQ	100.2390, 52.4100, -24.7260

# Conversions

## Conversions Part 2

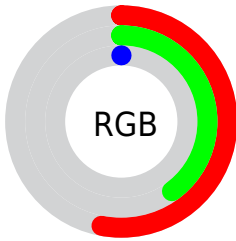
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 135, 0
Decimal	8873472
CIE Lab	45.16, 5.05, 52.22
CIE LCh	45, 52.467, 84.481
Yxy	14.6536, 0.4688, 0.4660
Android (android.graphics.Color)	4287063552 (0xFF876600)
YUV	100.2390, -49.4178, 30.4854
Hunter-Lab	38.2801, 1.7567, 23.6188

# Details

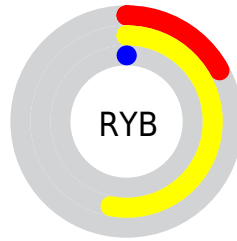
The YUV color **100.2390, -49.4178, 30.4854** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **34.7610, 49.4178, -30.4854**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1730, -45.9343, 33.1743**, and **56.7920, -27.9985, 20.3534** is the 20% darker color. If you saturate the color by 10%, you get **100.2390, -49.4178, 30.4854**, and if you desaturate by 10%, it is **103.4820, -44.6076, 27.6413**.

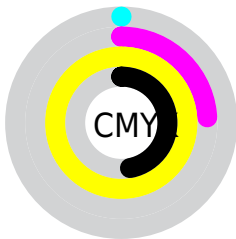
# Distribution



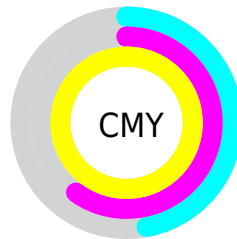
- Red (53%)
- Green (40%)
- Blue (0%)



- Red (17%)
- Yellow (53%)
- Blue (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (100%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (100%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.2390, -49.4178, 30.4854 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 100.2390, -49.4178, 30.4854 by changing the saturation by 10% instead.



■ 100.2390,  
-49.4178, 30.4854

■ 100.2390,  
-49.4178, 30.4854

■ 254.6580, -1.3104,  
0.2999

■ 77.7790, -38.3450,  
25.6268

■ 154.1730,  
-45.9343, 33.1743

■ 56.7920, -27.9985,  
20.3534

■ 181.2550,  
-46.9607, 35.7334

■ 36.6910, -18.0887,  
15.1800

■ 209.6250,  
-48.1291, 37.1629

■ 17.1880, -8.4737,  
11.2361


■ 230.0360,  
-44.8807, 21.8934


■ 0.0000, 0.0000,  
0.0000

■ 244.8540,  
-38.8750, 8.8980

■ 248.0460,


-26.6447, 6.0987


 251.3520,  
-13.9775, 3.1993


 100.2390,  
-49.4178, 30.4854

 103.4820,  
-44.6076, 27.6413

 107.4260,  
-39.6500, 24.1824

 110.7830,  
-34.4030, 21.2383

 114.0260,  
-29.5928, 18.3942

 117.9700,  
-24.6352, 14.9353

■ 121.2130,  
-19.8250, 12.0912

■ 124.4560,  
-15.0148, 9.2471

■ 127.8130, -9.7678,  
6.3030

■ 131.7570, -4.8102,  
2.8441

# Harmonies

## Analogous

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



103.2310, -33.6379, 55.9254



100.2390, -49.4178, 30.4854



96.6800, -41.7472, -3.2274

# Triad

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



100.2390, -49.4178, 30.4854



90.7370, 25.2727, -79.5763



109.8330, 23.7463, 36.9805

# Complementary

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



100.2390, -49.4178, 30.4854



34.7610, 49.4178, -30.4854

# 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.



106.3410, 39.7649, -14.3311



100.2390, -49.4178, 30.4854



93.0800, 41.8656, -81.6312

# Square

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



100.2390, -49.4178, 30.4854



85.6070, 5.6167, -75.0773



89.0340, 51.7482, -78.0828



104.4380, 6.1931, 67.1449



# Rectangle

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



100.2390, -49.4178, 30.4854



92.5160, -26.3834, -31.1475



89.0340, 51.7482, -78.0828



109.9390, 29.6101, 22.8555

# Sweetspot

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



100.2390, -49.4178, 30.4854



162.3270, -19.3882, 11.9912



44.2410, -5.0488, 79.5956



80.6560, -11.6624, 7.3177



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



100.2390, -49.4178, 30.4854



130.6950, -64.4326, 39.7325



109.4440, -53.9559, -7.4054



64.7290, -2.3314, 1.1147



96.3960, -47.5232, 29.4707



2.0710, -1.0210, 0.8147



# Inverse Universe

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



34.7610, 49.4178, -30.4854



45.3050, 64.4326, -39.7325



25.5560, 53.9559, 7.4054



61.2710, 2.3314, -1.1147



33.6040, 47.5232, -29.4707

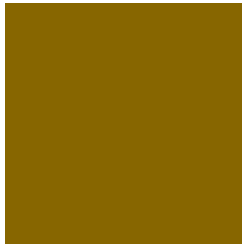


0.9290, 1.0210, -0.8147



# Previews

## White Background



This preview shows how the YUV color 100.2390, -49.4178, 30.4854 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 100.2390, -49.4178, 30.4854 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 100.2390, -49.4178, 30.4854 Background



This preview shows how black text looks on a background with the YUV color 100.2390, -49.4178, 30.4854.



This preview shows how white text looks on a background with the YUV color 100.2390, -49.4178,



# 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

100.2390, -49.4178, 30.4854

### Protanopia

100.3730, -46.0329, 18.0899

### Deuteranopia

100.8800, -48.2548, 30.8002



## Tritanopia

109.2530, -3.5757, 26.9651

# Trichromacy



## Original Color

100.2390, -49.4178, 30.4854

## Protanomaly

100.3520, -47.5015, 22.4933

## Deuteranomaly

100.7660, -48.6916, 30.9002

## Tritanomaly

106.1980, -20.3106, 27.8904

# Monochromacy



## Original Color

100.2390, -49.4178, 30.4854

## Achromatopsia

100.0000, 0.0000, 0.0000

## Achromatomaly

100.3700, -17.9304, 11.0765

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.2390, -49.4178, 30.4854 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(135, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 102, 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(135, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 102, 0) }
```

## Border

The CSS property to change the border of an element to YUV 100.2390, -49.4178, 30.4854 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(135, 102, 0) }
```



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

```
.border{ border-color:rgb(135, 102, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 102, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 102,  
0) }
```

# Background

The CSS property to change the background color of an element to YUV 100.2390, -49.4178, 30.4854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 102, 0) }
```

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

```
.background{ background-color: rgb(135,  
102, 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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