

# Converting Colors

YUV(97.5240, -48.0793,  
67.9465)

Have a look what the booklet for  
YUV(97.5240, -48.0793, 67.9465)  
contains.

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# Color

**YUV(97.5240, -48.0793,  
67.9465)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF4D00
RGB	175, 77, 0
RGB Percent	69%, 30%, 0%
CMY	0.3137, 0.6980, 1.0000
CMYK	0.00, 0.56, 1.00, 0.31
HSL	26°, 100%, 34%
HSV	26°, 100%, 69%
XYZ	20.3331, 14.4217, 1.7120
YIQ	97.5240, 83.1250, -3.1710

# Conversions

## Conversions Part 2

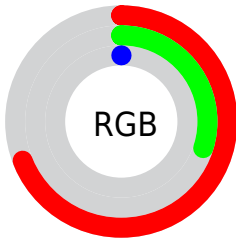
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 138, 0
Decimal	11488512
CIE Lab	44.83, 36.83, 54.78
CIE LCh	45, 66.009, 56.084
Yxy	14.4217, 0.5576, 0.3955
Android (android.graphics.Color)	4289678592 (0xFFAF4D00)
YUV	97.5240, -48.0793, 67.9465
Hunter-Lab	37.9759, 29.1146, 23.9103

# Details

The YUV color **97.5240, -48.0793, 67.9465** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **77.4760, 48.0793, -67.9465**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.6110, -46.6432, 74.0092**, and **50.2340, -24.7654, 56.7998** is the 20% darker color. If you saturate the color by 10%, you get **97.5240, -48.0793, 67.9465**, and if you desaturate by 10%, it is **105.3320, -43.5477, 61.0988**.

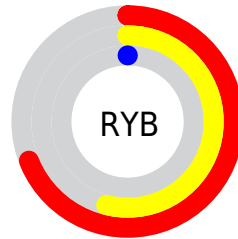
# Distribution



Red (69%)

Green (30%)

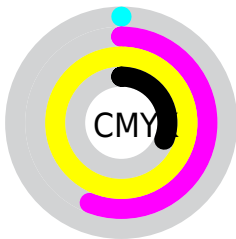
Blue (0%)



Red (69%)

Yellow (54%)

Blue (0%)

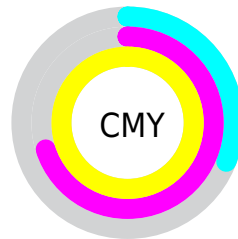


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (70%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 97.5240, -48.0793, 67.9465 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 97.5240, -48.0793, 67.9465 by changing the saturation by 10% instead.





 97.5240, -48.0793,  
67.9465

 97.5240, -48.0793,  
67.9465


 254.0880, -3.4944,  
0.7998


 73.8790, -36.4223,  
62.3731


 152.6110,  
-46.6432, 74.0092


 50.2340, -24.7654,  
56.7998


 176.6920,  
-46.1902, 68.6761


 25.4150, -12.5296,  
52.2560

 195.5050,  
-42.6470, 52.1771

 17.3420, -8.5496,  
35.6571

 214.9050,  
-39.3932, 35.1633


 8.4860, -3.6906,  
17.1138


 235.0060,  
-35.9920, 17.5347


 0.0000, 0.0000,  
0.0000


 247.5900,


-28.3919, 6.4986

 250.7820,  
-16.1615, 3.6992


 97.5240, -48.0793,  
67.9465

 105.3320,  
-43.5477, 61.0988

 113.2540,  
-38.5792, 54.1512

 120.5890,  
-33.3214, 47.7184

 128.3970,  
-28.7897, 40.8708

 136.3190,  
-23.8213, 33.9232

■ 144.1270,  
-19.2896, 27.0756

■ 151.9350,  
-14.7580, 20.2280

■ 159.2700, -9.5001,  
13.7952

■ 167.1920, -4.5317,  
6.8476

# Harmonies

## Analogous

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



93.8590, -15.7065, 91.3317



97.5240, -48.0793, 67.9465



99.6520, -49.1284, 31.0002

# Triad

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



97.5240, -48.0793, 67.9465



86.7810, 5.0380, -76.1069



104.0660, 50.2535, -18.4749

# Complementary

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



97.5240, -48.0793, 67.9465



77.4760, 48.0793, -67.9465

# 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.



92.2430, 61.5052, -80.8971



97.5240, -48.0793, 67.9465



93.7520, 29.2093, -82.2205

# Square

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



97.5240, -48.0793, 67.9465



77.7070, -19.5756, -68.1490



96.4200, 49.5859, -84.5603



105.7560, 30.6863, 51.0800



# Rectangle

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



97.5240, -48.0793, 67.9465



96.5300, -47.5893, 3.9202



96.4200, 49.5859, -84.5603



84.7430, 63.2307, -74.3196

# Sweetspot

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



97.5240, -48.0793, 67.9465



196.9420, -18.7054, 26.3609



63.6110, 17.4468, 97.6882



96.7110, -11.6895, 16.0395



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



97.5240, -48.0793, 67.9465



126.5730, -62.4005, 88.0745



148.0060, -72.9670, 23.6737



83.0390, -2.4842, 3.4738



83.5920, -41.2109, 58.2398



12.7470, -6.2843, 8.9919



# Inverse Universe

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



77.4760, 48.0793, -67.9465



100.4270, 62.4005, -88.0745



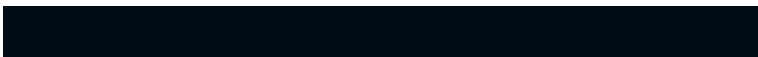
26.9940, 72.9670, -23.6737



81.9610, 2.4842, -3.4738



66.4080, 41.2109, -58.2398



10.2530, 6.2843, -8.9919



# Previews

## White Background



This preview shows how the YUV color 97.5240, -48.0793, 67.9465 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 97.5240, -48.0793, 67.9465 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 97.5240, -48.0793, 67.9465

## Background



This preview shows how black text looks on a background with the YUV color 97.5240, -48.0793, 67.9465.



This preview shows how white text looks on a background with the YUV color 97.5240, -48.0793,



# 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

97.5240, -48.0793, 67.9465

### Protanopia

100.5130, -41.6649, 17.0901

### Deuteranopia

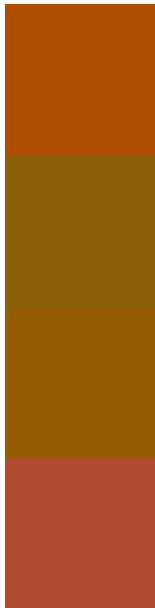
99.6520, -49.1284, 31.0002



## Tritanopia

103.8510, -13.7305, 64.1517

# Trichromacy



## Original Color

97.5240, -48.0793, 67.9465

## Protanomaly

99.3520, -44.0505, 35.6483

## Deuteranomaly

98.8540, -48.7350, 44.8550

## Tritanomaly

101.5340, -26.3923, 65.3067

# Monochromacy



## Original Color

97.5240, -48.0793, 67.9465

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

97.5720, -17.5370, 24.9314

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.5240, -48.0793, 67.9465 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(175, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(175, 77, 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(175, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 77, 0) }
```

## Border

The CSS property to change the border of an element to YUV 97.5240, -48.0793, 67.9465 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(175, 77, 0) }
```



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

```
.border{ border-color:rgb(175, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(175, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(175, 77, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 97.5240, -48.0793, 67.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 77, 0) }
```

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

```
.background{ background-color: rgb(175, 77,  
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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