

# Converting Colors

YUV(164.3170, -64.2463,  
73.3900)

Have a look what the booklet for  
YUV(164.3170, -64.2463, 73.3900)  
contains.

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# Color

**YUV(164.3170, -64.2463,  
73.3900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F89322
RGB	248, 147, 34
RGB Percent	97%, 58%, 13%
CMY	0.0275, 0.4235, 0.8667
CMYK	0.00, 0.41, 0.86, 0.03
HSL	32°, 94%, 55%
HSV	32°, 86%, 97%
XYZ	49.4339, 40.9394, 6.8100
YIQ	164.3170, 96.4690, -13.7310

# Conversions

## Conversions Part 2

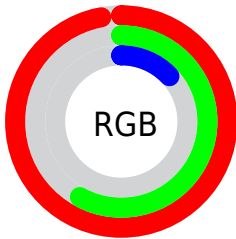
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 248, 34
Decimal	16290594
CIE <sub>Lab</sub>	70.13, 30.83, 69.12
CIE <sub>LCh</sub>	70, 75.683, 65.958
Yxy	40.9394, 0.5087, 0.4213
Android (android.graphics.Color)	4294480674 (0xFFFF89322)
YUV	164.3170, -64.2463, 73.3900
Hunter-Lab	63.9839, 25.9370, 38.4783

# Details

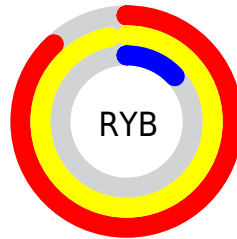
The YUV color **164.3170, -64.2463, 73.3900** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **117.6830, 64.2463, -73.3900**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6060, -56.0078, 44.1955**, and **111.6670, -55.0518, 64.3130** is the 20% darker color. If you saturate the color by 10%, you get **154.4230, -71.6935, 82.0670**, and if you desaturate by 10%, it is **174.2110, -56.7990, 64.7130**.

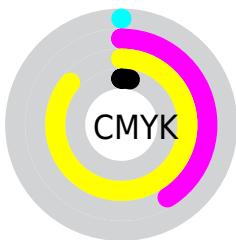
# Distribution



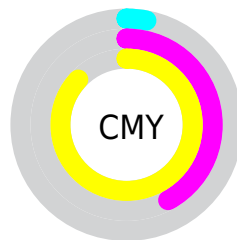
- Red (97%)
- Green (58%)
- Blue (13%)



- Red (88%)
- Yellow (97%)
- Blue (13%)



- Cyan (0%)
- Magenta (41%)
- Yellow (86%)
- Black (3%)




- Cyan (3%)
- Magenta (42%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 164.3170, -64.2463, 73.3900 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 164.3170, -64.2463, 73.3900 by changing the saturation by 10% instead.




 164.3170,  
-64.2463, 73.3900


 164.3170,  
-64.2463, 73.3900


255.0000, 0.0000,  
0.0000


 135.6110,  
-66.8562, 70.5012


 204.6060,  
-56.0078, 44.1955

 111.6670,  
-55.0518, 64.3130


 224.8210,  
-52.1698, 26.4670

 88.0220, -43.3948,  
58.7397


 242.5740,  
-47.6110, 10.8976

 64.6650, -31.8798,  
52.0368

 245.7660,  
-35.3806, 8.0982

 41.9060, -20.6597,  
46.5634

 248.9580,  
-23.1503, 5.2988

 19.7340, -9.7289,  
40.5753

 252.2640,

 12.9710, -5.9017,

-10.4832, 2.3995

26.3354

■ 0.0000, 0.0000,  
0.0000

■ 164.3170,  
-64.2463, 73.3900

■ 164.3170,  
-64.2463, 73.3900

■ 154.4230,  
-71.6935, 82.0670

■ 174.2110,  
-56.7990, 64.7130

■ 151.0490,  
-74.4672, 85.0260

■ 183.5180,  
-49.0624, 56.5507

■ 193.2980,  
-42.0519, 47.9737

■ 203.1920,  
-34.6047, 39.2966

■ 213.0860,  
-27.1574, 30.6196

■ 222.3930,  
-19.4207, 22.4573

■ 232.2870,  
-11.9735, 13.7803

■ 242.0670, -4.9630,  
5.2032

■ 251.1460, 1.9000,  
-2.7590

# Harmonies

## Analogous

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



155.6400, -30.3885, 87.1387



164.3170, -64.2463, 73.3900



158.9590, -78.3668, 28.9770

# Triad

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



164.3170, -64.2463, 73.3900



140.1370, 21.6245, -122.9001



172.1690, 40.8357, 15.6378

# Complementary

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



164.3170, -64.2463, 73.3900



117.6830, 64.2463, -73.3900

# 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.



131.7950, 60.7401, -115.5842



164.3170, -64.2463, 73.3900



147.1880, 51.1793, -129.0839

# Square

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



164.3170, -64.2463, 73.3900



129.5810, -8.6674, -113.6425



142.3610, 55.5310, -124.8506



169.8560, 29.1580, 74.6713



# Rectangle

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



164.3170, -64.2463, 73.3900



154.7570, -65.4492, -7.6799



142.3610, 55.5310, -124.8506



166.3780, 43.6906, -13.4865

# Sweetspot

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



164.3170, -64.2463, 73.3900



229.2790, -19.8575, 22.5573



109.7280, 13.4451, 121.2645



112.2870, -11.9735, 13.7803



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.



164.3170, -64.2463, 73.3900



155.4900, -76.6566, 87.2703



222.4080, -92.8851, 18.9362



119.9960, -3.9420, 4.3885



115.2110, -56.7990, 64.7130



37.0230, -18.2523, 21.0278



# Inverse Universe

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



117.6830, 64.2463, -73.3900



99.5100, 76.6566, -87.2703



59.5920, 92.8851, -18.9362



117.0040, 3.9420, -4.3885



73.7890, 56.7990, -64.7130



23.9770, 18.2523, -21.0278



# Previews

## White Background



This preview shows how the YUV color 164.3170, -64.2463, 73.3900 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 164.3170, -64.2463, 73.3900 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 164.3170, -64.2463, 73.3900

## Background



This preview shows how black text looks on a background with the YUV color 164.3170, -64.2463, 73.3900.



This preview shows how white text looks on a background with the YUV color 164.3170, -64.2463, 73.3900.

73.3900.

# 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

164.3170, -64.2463, 73.3900

### Protanopia

163.3450, -60.3161, 26.0074

### Deuteranopia

163.1860, -69.1117, 47.1949



## Tritanopia

172.8240, -12.7312, 70.3144

# Trichromacy



## Original Color

164.3170, -64.2463, 73.3900

## Protanomaly

163.7000, -61.9701, 43.2361

## Deuteranomaly

163.4090, -67.2496, 56.6463

## Tritanomaly

169.9000, -31.5027, 71.1247

# Monochromacy



## Original Color

164.3170, -64.2463, 73.3900

## Achromatopsia

164.0000, 0.0000, 0.0000

## Achromatomaly

164.3890, -23.3628, 26.8458

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 164.3170, -64.2463, 73.3900 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(248, 147, 34)` looks like.

```
.text, #text, p{  
    color:rgb(248, 147, 34)  
}
```

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(248, 147, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 147, 34) }
```

## Border

The CSS property to change the border of an element to YUV 164.3170, -64.2463, 73.3900 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(248, 147, 34) }
```



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

```
.border{ border-color:rgb(248, 147, 34) }
```

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

Here you see how a box with a 4 pixel rgb(248, 147, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 147, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 147, 34);  
box-shadow:4px 4px 4px 4px rgb(248, 147,  
34) }
```

# Background

The CSS property to change the background color of an element to YUV 164.3170, -64.2463, 73.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 147, 34) }
```

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

```
.background{ background-color: rgb(248,  
147, 34) }
```

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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