

# Converting Colors

YUV(163.8820, -44.3118,  
72.8945)

Have a look what the booklet for  
YUV(163.8820, -44.3118, 72.8945)  
contains.

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# Color

**YUV(163.8820, -44.3118,  
72.8945)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F78B4A
RGB	247, 139, 74
RGB Percent	97%, 55%, 29%
CMY	0.0314, 0.4549, 0.7098
CMYK	0.00, 0.44, 0.70, 0.03
HSL	23°, 92%, 63%
HSV	23°, 70%, 97%
XYZ	48.8264, 38.7338, 11.3815
YIQ	163.8820, 85.2330, 2.6810

# Conversions

## Conversions Part 2

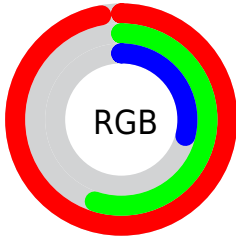
Format	Color
R <sub>Y</sub> B	247, 178, 74
Decimal	16223050
CIE Lab	68.56, 35.97, 51.58
CIE LCh	69, 62.881, 55.108
Yxy	38.7338, 0.4935, 0.3915
Android (android.graphics.Color)	4294413130 (0xFFFF78B4A)
YUV	163.8820, -44.3118, 72.8945
Hunter-Lab	62.2365, 31.1248, 32.7229

# Details

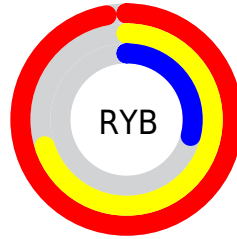
The YUV color **163.8820, -44.3118, 72.8945** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **157.1180, 44.3118, -72.8945**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3730, -39.1309, 44.3999**, and **109.0060, -42.4010, 66.6467** is the 20% darker color. If you saturate the color by 10%, you get **152.2270, -50.8909, 83.1159**, and if you desaturate by 10%, it is **175.5370, -37.7327, 62.6731**.

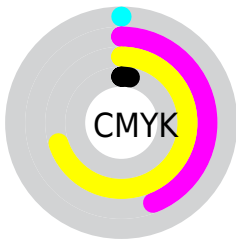
# Distribution



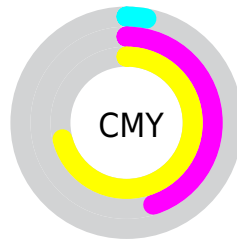
- Red (97%)
- Green (55%)
- Blue (29%)



- Red (97%)
- Yellow (70%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (70%)
- Black (3%)



- Cyan (3%)
- Magenta (45%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 163.8820, -44.3118, 72.8945 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 163.8820, -44.3118, 72.8945 by changing the saturation by 10% instead.



163.8820,  
-44.3118, 72.8945

163.8820,  
-44.3118, 72.8945

255.0000, 0.0000,  
0.0000

136.5010,  
-43.1380, 69.7206

204.3730,  
-39.1309, 44.3999

109.0060,  
-42.4010, 66.6467

223.8870,  
-35.4403, 27.2861

82.7390, -40.7903,  
63.3729

243.9880,  
-32.0391, 9.6575

59.6810, -29.4227,  
57.2848

249.5280,  
-20.9663, 4.7989

34.2750, -16.8976,  
53.2558

252.8340, -8.2992,  
1.8996

20.0330, -9.8763,  
41.1901

12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,  
0.0000

■ 163.8820,  
-44.3118, 72.8945

■ 163.8820,  
-44.3118, 72.8945

■ 152.2270,  
-50.8909, 83.1159

■ 175.5370,  
-37.7327, 62.6731

■ 140.0990,  
-56.7438, 93.7522

■ 187.6650,  
-31.8798, 52.0368

■ 128.4440,  
-63.3229, 103.9736

■ 199.3200,  
-25.3008, 41.8154

■ 211.5620,  
-19.0111, 31.0791

■ 223.1030,  
-12.8688, 20.9577

235.3450, -6.5791,  
10.2214

247.0000, 0.0000,  
0.0000

252.6080, 1.1793,  
-4.9182

# Harmonies

## Analogous

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



160.0060, -18.7370, 83.3097



163.8820, -44.3118, 72.8945



160.8180, -57.5913, 38.7476

# Triad

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



163.8820, -44.3118, 72.8945



131.6620, 11.9986, -115.4676



166.0900, 43.8326, -12.3569

# Complementary

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



163.8820, -44.3118, 72.8945



157.1180, 44.3118, -72.8945

# 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.



132.3820, 60.4507, -116.0990



163.8820, -44.3118, 72.8945



138.2740, 37.3329, -121.2663

# Square

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



163.8820, -44.3118, 72.8945



144.6540, -22.5074, -61.0866



140.0130, 56.6886, -122.7914



171.9190, 30.1129, 48.3060



# Rectangle

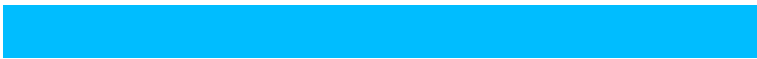
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



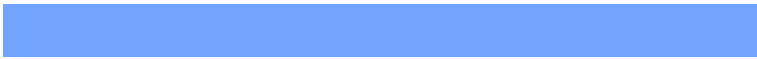
163.8820, -44.3118, 72.8945



157.6250, -55.0311, 10.8529



140.0130, 56.6886, -122.7914



159.4240, 47.1190, -39.8368

# Sweetspot

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



163.8820, -44.3118, 72.8945



229.4730, -14.0372, 22.3872



138.2670, 22.5464, 95.3588



112.6120, -8.1897, 13.4953



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.



163.8820, -44.3118, 72.8945



151.9460, -54.6964, 90.3784



213.7770, -68.9101, 29.1366



116.5230, -3.2158, 4.8033



96.7040, -47.6751, 78.3126



30.5550, -15.0636, 24.9463



# Inverse Universe

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



157.1180, 44.3118, -72.8945



144.0540, 54.6964, -90.3784



107.2230, 68.9101, -29.1366



116.0640, 2.9264, -5.3181



89.2960, 47.6751, -78.3126



28.4450, 15.0636, -24.9463



# Previews

## White Background



This preview shows how the YUV color 163.8820, -44.3118, 72.8945 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 163.8820, -44.3118, 72.8945 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 163.8820, -44.3118, 72.8945 Background



This preview shows how black text looks on a background with the YUV color 163.8820, -44.3118, 72.8945.



This preview shows how white text looks on a background with the YUV color 163.8820, -44.3118,



# 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

163.8820, -44.3118, 72.8945

### Protanopia

163.3930, -39.6337, 18.9493

### Deuteranopia

163.3910, -46.5348, 39.1221



## Tritanopia

168.0200, -13.3209, 72.7735

# Trichromacy



## Original Color

163.8820, -44.3118, 72.8945

## Protanomaly

163.4710, -41.1512, 39.0519

## Deuteranomaly

163.6960, -45.6991, 51.1326

## Tritanomaly

166.7460, -24.5248, 73.0138

# Monochromacy



## Original Color

163.8820, -44.3118, 72.8945

## Achromatopsia

164.0000, 0.0000, 0.0000

## Achromatomaly

163.9250, -16.2320, 26.3758

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 163.8820, -44.3118, 72.8945 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(247, 139, 74)` looks like.

```
.text, #text, p{  
    color:rgb(247, 139, 74)  
}
```

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(247, 139, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 139, 74) }
```

## Border

The CSS property to change the border of an element to YUV 163.8820, -44.3118, 72.8945 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(247, 139, 74) }
```



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

```
.border{ border-color:rgb(247, 139, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 139, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 139, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 139, 74);  
box-shadow:4px 4px 4px 4px rgb(247, 139,  
74) }
```

# Background

The CSS property to change the background color of an element to YUV 163.8820, -44.3118, 72.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 139, 74) }
```

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

```
.background{ background-color: rgb(247,  
139, 74) }
```

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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