

Converting Colors

YUV(177.1700, -64.6668,
68.2569)

Have a look what the booklet for
YUV(177.1700, -64.6668, 68.2569)
contains.

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Color

**YUV(177.1700, -64.6668,
68.2569)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA32E
RGB	255, 163, 46
RGB Percent	100%, 64%, 18%
CMY	0.0000, 0.3608, 0.8196
CMYK	0.00, 0.36, 0.82, 0.00
HSL	34°, 100%, 59%
HSV	34°, 82%, 100%
XYZ	54.8303, 47.6516, 8.8926
YIQ	177.1700, 92.3890, -16.8830

Conversions

Conversions Part 2

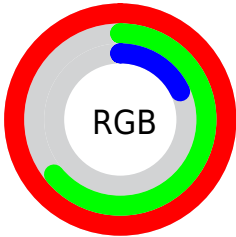
Format	Color
R _Y B	210, 255, 46
Decimal	16753454
CIE Lab	74.60, 25.69, 69.44
CIE LCh	75, 74.041, 69.698
Yxy	47.6516, 0.4923, 0.4279
Android (android.graphics.Color)	4294943534 (0xFFFFA32E)
YUV	177.1700, -64.6668, 68.2569
Hunter-Lab	69.0302, 20.9789, 40.6833

Details

The YUV color **177.1700, -64.6668, 68.2569** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **123.8300, 64.6668, -68.2569**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8390, -56.1226, 34.3442**, and **122.5650, -60.4245, 60.8945** is the 20% darker color. If you saturate the color by 10%, you get **167.8630, -72.4035, 76.4191**, and if you desaturate by 10%, it is **186.5910, -56.4934, 59.9947**.

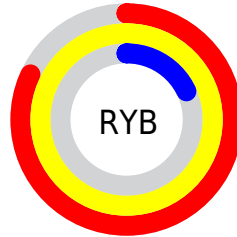
Distribution



Red (100%)

Green (64%)

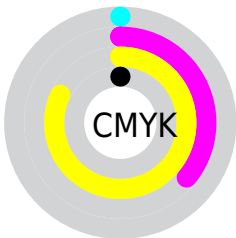
Blue (18%)



Red (82%)

Yellow (100%)

Blue (18%)

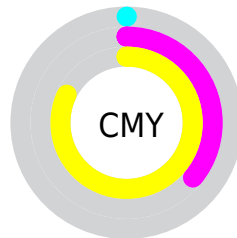


Cyan (0%)

Magenta (36%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.1700, -64.6668, 68.2569 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 177.1700, -64.6668, 68.2569 by changing the saturation by 10% instead.

177.1700,
-64.6668, 68.2569

177.1700,
-64.6668, 68.2569

255.0000, 0.0000,
0.0000

147.7800,
-69.8975, 65.9679

215.8390,
-56.1226, 34.3442

122.5650,
-60.4245, 60.8945

236.0540,
-52.2846, 16.6156

98.9200, -48.7676,
55.3212

243.8280,
-42.8062, 9.7978

76.4490, -37.6894,
48.7182

247.1340,
-30.1391, 6.8985

53.9780, -26.6112,
42.1153

250.3260,
-17.9087, 4.0991

32.1050, -15.8278,
36.7419

253.6320, -5.2416,

14.3520, -7.0755,

1.1997

29.5093

■ 1.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,
0.0000

■ 177.1700,
-64.6668, 68.2569

■ 177.1700,
-64.6668, 68.2569

■ 167.8630,
-72.4035, 76.4191

■ 186.5910,
-56.4934, 59.9947

■ 160.1860,
-78.9717, 83.1519

■ 195.8980,
-48.7567, 51.8325

■ 205.9060,
-40.8727, 43.0554

■ 215.2130,
-33.1360, 34.8932

■ 224.6340,
-24.9626, 26.6310

■ 233.9410,
-17.2259, 18.4687

■ 243.9490, -9.3419,
9.6917

■ 253.2560, -1.6052,
1.5295

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



166.8900, -32.9768, 77.2725



177.1700, -64.6668, 68.2569



171.2940, -73.1089, 22.5442

Triad

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



177.1700, -64.6668, 68.2569



150.0480, 26.5983, -131.5921



184.9270, 34.5460, 26.3740

Complementary

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



177.1700, -64.6668, 68.2569



123.8300, 64.6668, -68.2569

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.



158.3070, 47.6696, -76.5682



177.1700, -64.6668, 68.2569



154.1010, 49.7432, -135.1466

Square

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



177.1700, -64.6668, 68.2569



140.3070, -3.1094, -123.0492



148.8180, 52.3477, -130.5134



177.2420, 26.9957, 68.1938

Rectangle

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



177.1700, -64.6668, 68.2569



167.4770, -57.4232, -15.3273



148.8180, 52.3477, -130.5134



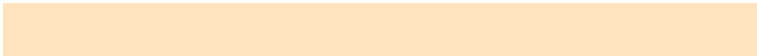
180.6310, 36.6639, 0.3236

Sweetspot

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



177.1700, -64.6668, 68.2569



231.2680, -19.8521, 20.8130



119.2070, 10.2509, 119.0905



113.5750, -12.1155, 12.6507



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.



177.1700, -64.6668, 68.2569



161.9300, -77.3665, 81.6224



228.1840, -89.8167, 14.7476



122.9960, -3.9420, 4.3885



119.9180, -59.1196, 62.3389



40.2680, -19.8521, 20.8130

Inverse Universe

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



123.8300, 64.6668, -68.2569



98.0700, 77.3665, -81.6224



72.8160, 89.8167, -14.7476



119.4170, 4.2314, -3.8737



71.0820, 59.1196, -62.3389



23.7320, 19.8521, -20.8130

Previews

White Background



This preview shows how the YUV color 177.1700, -64.6668, 68.2569 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 177.1700, -64.6668, 68.2569 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 177.1700, -64.6668, 68.2569

Background



This preview shows how black text looks on a background with the YUV color 177.1700, -64.6668, 68.2569.



This preview shows how white text looks on a background with the YUV color 177.1700, -64.6668, 68.2569.

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

177.1700, -64.6668, 68.2569

Protanopia

175.4160, -61.3371, 26.8222

Deuteranopia

176.7670, -66.9331, 48.4393



Tritanopia

186.6270, -10.6621, 59.9631

Trichromacy



Original Color

177.1700, -64.6668, 68.2569

Protanomaly

175.8740, -62.5489, 42.2065

Deuteranomaly

177.0390, -66.0812, 55.2168

Tritanomaly

183.4860, -30.3126, 62.7178

Monochromacy



Original Color

177.1700, -64.6668, 68.2569

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.9650, -23.6467, 24.5867

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.1700, -64.6668, 68.2569 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(255, 163, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 46)  
}
```

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(255, 163, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 46) }
```

Border

The CSS property to change the border of an element to YUV 177.1700, -64.6668, 68.2569 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(255, 163, 46) }
```


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

```
.border{ border-color:rgb(255, 163, 46) }
```

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

Here you see how a box with a 4 pixel rgb(255, 163, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 177.1700, -64.6668, 68.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 46) }
```

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

```
.background{ background-color: rgb(255,  
163, 46) }
```

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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