

Converting Colors

YUV(176.3720, -67.7244,
68.9568)

Have a look what the booklet for
YUV(176.3720, -67.7244, 68.9568)
contains.

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Color

**YUV(176.3720, -67.7244,
68.9568)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA327
RGB	255, 163, 39
RGB Percent	100%, 64%, 15%
CMY	0.0000, 0.3608, 0.8471
CMYK	0.00, 0.36, 0.85, 0.00
HSL	34°, 100%, 58%
HSV	34°, 85%, 100%
XYZ	54.7034, 47.6009, 8.2242
YIQ	176.3720, 94.6360, -19.0600

Conversions

Conversions Part 2

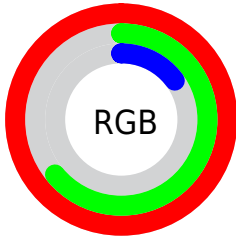
Format	Color
RYB	199, 255, 39
Decimal	16753447
CIELab	74.57, 25.51, 71.62
CIELCh	75, 76.024, 70.396
Yxy	47.6009, 0.4949, 0.4307
Android (android.graphics.Color)	4294943527 (0xFFFFA327)
YUV	176.3720, -67.7244, 68.9568
Hunter-Lab	68.9934, 20.7905, 41.2279

Details

The YUV color **176.3720, -67.7244, 68.9568** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **117.6280, 67.7244, -68.9568**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2690, -58.3066, 34.8441**, and **122.5650, -60.4245, 60.8945** is the 20% darker color. If you saturate the color by 10%, you get **167.0650, -75.4610, 77.1190**, and if you desaturate by 10%, it is **185.7930, -59.5509, 60.6945**.

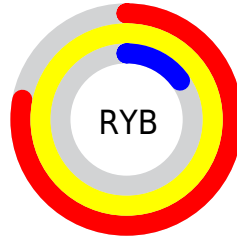
Distribution



Red (100%)

Green (64%)

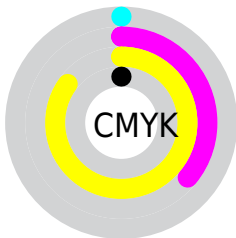
Blue (15%)



Red (78%)

Yellow (100%)

Blue (15%)

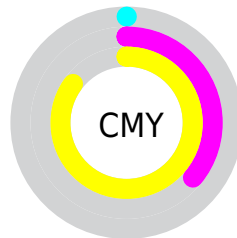


Cyan (0%)

Magenta (36%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.3720, -67.7244, 68.9568 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 176.3720, -67.7244, 68.9568 by changing the saturation by 10% instead.

176.3720,
-67.7244, 68.9568

176.3720,
-67.7244, 68.9568

255.0000, 0.0000,
0.0000

147.0960,
-72.5183, 66.5678

215.2690,
-58.3066, 34.8441

122.5650,
-60.4245, 60.8945

235.4840,
-54.4686, 17.1155

98.9200, -48.7676,
55.3212

243.2580,
-44.9902, 10.2977

76.1500, -37.5419,
48.1035

246.5640,
-32.3231, 7.3984

53.9780, -26.6112,
42.1153

249.7560,
-20.0927, 4.5990

32.1050, -15.8278,
36.7419

253.0620, -7.4256,

14.0530, -6.9281,

1.6996

28.8945

■ 1.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,
0.0000

■ 176.3720,
-67.7244, 68.9568

■ 176.3720,
-67.7244, 68.9568

■ 167.0650,
-75.4610, 77.1190

■ 185.7930,
-59.5509, 60.6945

■ 161.9470,
-79.8399, 81.6075

■ 195.1000,
-51.8143, 52.5323

■ 204.5210,
-43.6409, 44.2701

■ 213.2410,
-35.6148, 36.6226

■ 222.6620,
-27.4414, 28.3604

■ 231.9690,
-19.7047, 20.1982

■ 241.3900,
-11.5313, 11.9360

■ 250.6970, -3.7946,
3.7737

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.



165.2600, -34.1452, 78.7020



176.3720, -67.7244, 68.9568



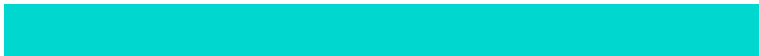
169.8010, -78.7819, 22.0995

Triad

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



176.3720, -67.7244, 68.9568



150.3900, 27.9087, -131.8920



184.3510, 34.8300, 28.6332

Complementary

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



176.3720, -67.7244, 68.9568



117.6280, 67.7244, -68.9568

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.



157.1220, 48.2539, -77.2830



176.3720, -67.7244, 68.9568



154.6880, 49.4538, -135.6614

Square

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



176.3720, -67.7244, 68.9568



140.3070, -3.1094, -123.0492



148.8180, 52.3477, -130.5134



175.4810, 27.8639, 69.7382

Rectangle

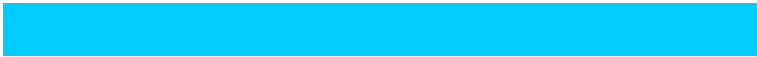
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



176.3720, -67.7244, 68.9568



166.7110, -59.0175, -17.2865



148.8180, 52.3477, -130.5134



180.0550, 36.9479, 2.5828

Sweetspot

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



176.3720, -67.7244, 68.9568



231.8550, -20.1415, 20.2982



114.3000, 9.2191, 123.3939



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.



176.3720, -67.7244, 68.9568



161.9470, -79.8399, 81.6075



226.1900, -92.2847, 12.9884



122.9960, -3.9420, 4.3885



121.6790, -59.9877, 60.7945



40.8550, -20.1415, 20.2982

Inverse Universe

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



117.6280, 67.7244, -68.9568



93.0530, 79.8399, -81.6075



67.8100, 92.2847, -12.9884



119.4170, 4.2314, -3.8737



69.3210, 59.9877, -60.7945



23.1450, 20.1415, -20.2982

Previews

White Background



This preview shows how the YUV color 176.3720, -67.7244, 68.9568 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 176.3720, -67.7244, 68.9568 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 176.3720, -67.7244, 68.9568 Background



This preview shows how black text looks on a background with the YUV color 176.3720, -67.7244, 68.9568.



This preview shows how white text looks on a background with the YUV color 176.3720, -67.7244,

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

176.3720, -67.7244, 68.9568

Protanopia

174.9170, -64.5421, 28.1368

Deuteranopia

175.1540, -70.5749, 49.8539



Tritanopia

186.0400, -10.3727, 60.4779

Trichromacy



Original Color

176.3720, -67.7244, 68.9568

Protanomaly

175.0760, -65.6065, 42.9063

Deuteranomaly

175.5400, -69.2862, 56.5314

Tritanomaly

182.5570, -31.3336, 63.5325

Monochromacy



Original Color

176.3720, -67.7244, 68.9568

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0360, -24.6677, 25.4014

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.3720, -67.7244, 68.9568 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, 39)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 39)  
}
```

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, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 39) }
```

Border

The CSS property to change the border of an element to YUV 176.3720, -67.7244, 68.9568 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, 39) }
```


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

```
.border{ border-color:rgb(255, 163, 39) }
```

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, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 39);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 176.3720, -67.7244, 68.9568 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, 39) }
```

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

```
.background{ background-color: rgb(255,  
163, 39) }
```

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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