

Converting Colors

YUV(167.4710, -74.6752,
58.3459)

Have a look what the booklet for
YUV(167.4710, -74.6752, 58.3459)
contains.

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Color

**YUV(167.4710, -74.6752,
58.3459)**

Conversions

Conversions Part 1

Format	Color
Hex	EAA310
RGB	234, 163, 16
RGB Percent	92%, 64%, 6%
CMY	0.0824, 0.3608, 0.9373
CMYK	0.00, 0.30, 0.93, 0.08
HSL	40°, 87%, 49%
HSV	40°, 93%, 92%
XYZ	47.1224, 43.7242, 6.4462
YIQ	167.4710, 89.5030, -30.6650

Conversions

Conversions Part 2

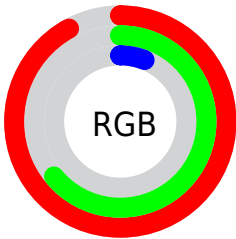
Format	Color
RYB	121, 234, 16
Decimal	15377168
CIELab	72.04, 16.23, 73.85
CIElCh	72, 75.613, 77.604
Yxy	43.7242, 0.4843, 0.4494
Android (android.graphics.Color)	4293567248 (0xFFEAA310)
YUV	167.4710, -74.6752, 58.3459
Hunter-Lab	66.1243, 11.4876, 40.5070

Details

The YUV color **167.4710, -74.6752, 58.3459** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **82.5290, 74.6752, -58.3459**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6730, -64.4218, 36.2438**, and **117.1720, -57.7658, 48.0842** is the 20% darker color. If you saturate the color by 10%, you get **162.7120, -80.2170, 62.5196**, and if you desaturate by 10%, it is **174.7890, -66.9440, 51.9280**.

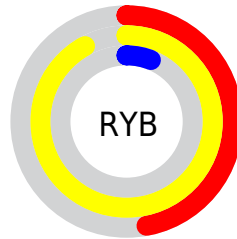
Distribution



Red (92%)

Green (64%)

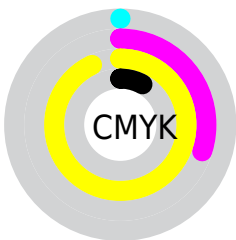
Blue (6%)



Red (47%)

Yellow (92%)

Blue (6%)

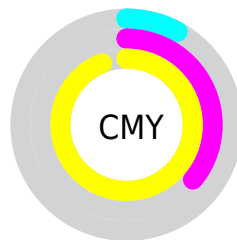


Cyan (0%)

Magenta (30%)

Yellow (93%)

Black (8%)



Cyan (8%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.4710, -74.6752, 58.3459 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 167.4710, -74.6752, 58.3459 by changing the saturation by 10% instead.

167.4710,
-74.6752, 58.3459

167.4710,
-74.6752, 58.3459

255.0000, 0.0000,
0.0000

141.1160,
-69.5702, 54.2723

213.6730,
-64.4218, 36.2438

117.1720,
-57.7658, 48.0842

233.3010,
-60.2944, 19.0300

93.8260, -46.2562,
43.1256

241.7760,
-50.6686, 11.5974

71.3550, -35.1780,
36.5227

245.0820,
-38.0014, 8.6981

50.0690, -24.6840,
30.6345

248.2740,
-25.7711, 5.8987

29.6690, -14.6268,
24.8463

251.5800,

10.1660, -5.0118,

-13.1039, 2.9993

20.9024

■ 0.0000, 0.0000,
0.0000

■ 167.4710,
-74.6752, 58.3459

■ 167.4710,
-74.6752, 58.3459

■ 162.7120,
-80.2170, 62.5196

■ 174.7890,
-66.9440, 51.9280

■ 181.6340,
-58.4866, 45.9250

■ 188.9520,
-50.7553, 39.5071

■ 195.7970,
-42.2979, 33.5040

■ 203.1150,
-34.5667, 27.0861

■ 210.4330,
-26.8355, 20.6683

■ 217.2780,
-18.3781, 14.6652

■ 224.5960,
-10.6468, 8.2473

■ 232.0280, -2.4788,
1.7294

Harmonies

Analogous

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



163.5670, -43.1705, 80.1867



167.4710, -74.6752, 58.3459



161.7500, -74.8127, 8.9893

Triad

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



167.4710, -74.6752, 58.3459



147.3070, 33.8656, -129.1882



179.4330, 37.2545, 44.3473

Complementary

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



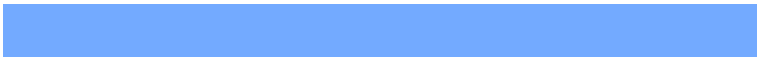
167.4710, -74.6752, 58.3459



82.5290, 74.6752, -58.3459

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.



163.2450, 45.2352, -42.3109



167.4710, -74.6752, 58.3459



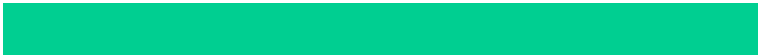
149.4050, 52.0583, -131.0282

Square

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



167.4710, -74.6752, 58.3459



138.0390, 3.4318, -121.0602



142.3610, 55.5310, -124.8506



165.7010, 20.8534, 78.3152

Rectangle

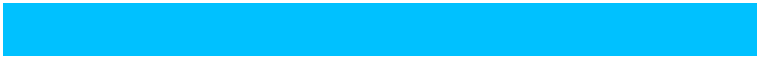
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



167.4710, -74.6752, 58.3459



157.2020, -50.3856, -32.6262



142.3610, 55.5310, -124.8506



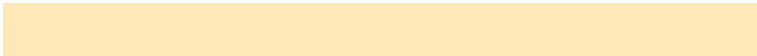
177.2190, 38.3460, 20.8559

Sweetspot

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



167.4710, -74.6752, 58.3459



233.4050, -24.3567, 18.9388



89.5040, -0.2485, 126.7230



114.1790, -14.8782, 12.1210



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.



167.4710, -74.6752, 58.3459



177.2090, -87.3640, 68.2227



198.3840, -89.9153, -0.3368



113.3980, -3.6472, 3.1590



125.7330, -61.9864, 48.4692



37.2780, -18.3781, 14.6652

Inverse Universe

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



82.5290, 74.6752, -58.3459



77.7910, 87.3640, -68.2227



51.6160, 89.9153, 0.3368



109.0150, 3.9366, -2.6442



55.2670, 61.9864, -48.4692



16.1350, 18.6674, -14.1504

Previews

White Background



This preview shows how the YUV color 167.4710, -74.6752, 58.3459 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 167.4710, -74.6752, 58.3459 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 167.4710, -74.6752, 58.3459

Background



This preview shows how black text looks on a background with the YUV color 167.4710, -74.6752, 58.3459.

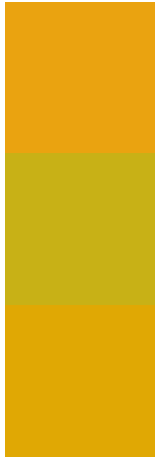


This preview shows how white text looks on a background with the YUV color 167.4710, -74.6752,

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

167.4710, -74.6752, 58.3459

Protanopia

166.2070, -71.0941, 29.6365

Deuteranopia

166.0480, -79.8897, 50.8239



Tritanopia

179.8650, -8.3144, 53.6154

Trichromacy



Original Color

167.4710, -74.6752, 58.3459

Protanomaly

166.6320, -72.2896, 39.7877

Deuteranomaly

166.5260, -78.1533, 53.9127

Tritanomaly

175.2740, -32.1801, 55.0107

Monochromacy



Original Color

167.4710, -74.6752, 58.3459

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.3190, -27.2723, 20.7682

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.4710, -74.6752, 58.3459 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(234, 163, 16)` looks like.

```
.text, #text, p{  
    color:rgb(234, 163, 16)  
}
```

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(234, 163, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 163, 16) }
```

Border

The CSS property to change the border of an element to YUV 167.4710, -74.6752, 58.3459 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(234, 163, 16) }
```


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

```
.border{ border-color:rgb(234, 163, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 163, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 163, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 163, 16);  
box-shadow:4px 4px 4px 4px rgb(234, 163,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 167.4710, -74.6752, 58.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 163, 16) }
```

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

```
.background{ background-color: rgb(234,  
163, 16) }
```

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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