

Converting Colors

YUV(176.5590, -78.1696,
59.1458)

Have a look what the booklet for
YUV(176.5590, -78.1696, 59.1458)
contains.

YUV(176.5590, -78.1696, 59.1458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(176.5590, -78.1696,
59.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	F4AD12
RGB	244, 173, 18
RGB Percent	96%, 68%, 7%
CMY	0.0431, 0.3216, 0.9294
CMYK	0.00, 0.29, 0.93, 0.04
HSL	41°, 91%, 51%
HSV	41°, 93%, 96%
XYZ	52.3610, 49.1639, 7.3021
YIQ	176.5590, 92.0710, -33.1530

Conversions

Conversions Part 2

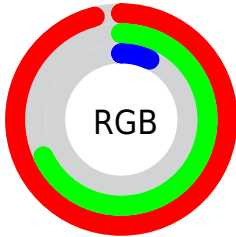
Format	Color
R _{YB}	122, 244, 18
Decimal	16035090
CIE Lab	75.55, 15.26, 76.59
CIE LCh	76, 78.098, 78.734
Yxy	49.1639, 0.4811, 0.4518
Android (android.graphics.Color)	4294225170 (0xFFF4AD12)
YUV	176.5590, -78.1696, 59.1458
Hunter-Lab	70.1170, 10.5930, 42.9073

Details

The YUV color **176.5590, -78.1696, 59.1458** 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 **85.4410, 78.1696, -59.1458**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8850, -66.0053, 30.7959**, and **125.4450, -61.8444, 49.5987** is the 20% darker color. If you saturate the color by 10%, you get **170.9850, -84.2956, 64.0342**, and if you desaturate by 10%, it is **183.9910, -70.0016, 52.6279**.

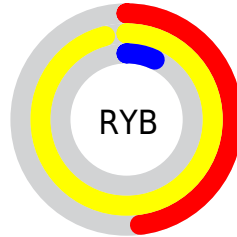
Distribution



Red (96%)

Green (68%)

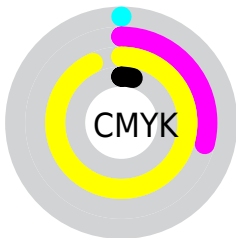
Blue (7%)



Red (48%)

Yellow (96%)

Blue (7%)

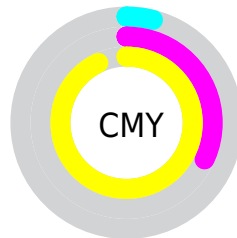


Cyan (0%)

Magenta (29%)

Yellow (93%)

Black (4%)



Cyan (4%)


Magenta (32%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.5590, -78.1696, 59.1458 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 176.5590, -78.1696, 59.1458 by changing the saturation by 10% instead.

 176.5590,
-78.1696, 59.1458


 176.5590,
-78.1696, 59.1458

255.0000, 0.0000,
0.0000


 149.9760,
-73.9382, 55.2720


 219.8850,
-66.0053, 30.7959


 125.4450,
-61.8444, 49.5987


 239.0400,
-61.1517, 13.9969

 101.8000,
-50.1874, 44.0254


 242.2320,
-48.9214, 11.1975

 79.3290, -39.1092,
37.4225


 245.4240,
-36.6910, 8.3982

 57.1570, -28.1784,
31.4343

 248.7300,
-24.0239, 5.4988

 36.7570, -18.1212,
25.6461

 252.0360,

 16.3680, -8.0694,

-11.3567, 2.5994

21.6023

■ 0.0000, 0.0000,
0.0000

■ 176.5590,
-78.1696, 59.1458

■ 176.5590,
-78.1696, 59.1458

■ 170.9850,
-84.2956, 64.0342

■ 183.9910,
-70.0016, 52.6279

■ 190.9500,
-61.1074, 46.5248

■ 198.3820,
-52.9393, 40.0070

■ 205.9280,
-44.3345, 33.3891

■ 212.7730,
-35.8771, 27.3861

■ 220.2050,
-27.7091, 20.8682

■ 227.7510,
-19.1042, 14.2504

■ 234.5960,
-10.6468, 8.2473

■ 242.1420, -2.0420,
1.6295

Harmonies

Analogous

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



169.1920, -44.4647, 75.2536



176.5590, -78.1696, 59.1458



170.3260, -75.0967, 6.7301

Triad

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



176.5590, -78.1696, 59.1458



155.3600, 36.7975, -136.2507



188.0270, 33.0177, 49.9653

Complementary

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



176.5590, -78.1696, 59.1458



85.4410, 78.1696, -59.1458

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.



172.1270, 40.8564, -37.8224



176.5590, -78.1696, 59.1458



155.2750, 49.1644, -136.1762

Square

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



176.5590, -78.1696, 59.1458



145.7500, 5.0533, -127.8227



147.6440, 52.9265, -129.4838



170.2490, 23.0482, 74.3266

Rectangle

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



176.5590, -78.1696, 59.1458



165.6530, -51.1009, -36.5297



147.6440, 52.9265, -129.4838



185.5140, 34.2566, 25.8592

Sweetspot

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



176.5590, -78.1696, 59.1458



233.9920, -24.6461, 18.4240



93.7820, -1.8645, 131.7412



114.7660, -15.1676, 11.6062



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.



176.5590, -78.1696, 59.1458



178.9700, -88.2322, 66.6783



205.9770, -92.6727, -2.6108



118.8710, -4.3734, 2.7441



130.7500, -64.4597, 48.4543



41.1210, -20.2727, 15.6799

Inverse Universe

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



85.4410, 78.1696, -59.1458



76.0300, 88.2322, -66.6783



56.0230, 92.6727, 2.6108



113.7160, 4.0840, -3.2589



55.2500, 64.4597, -48.4543



17.2920, 20.5620, -15.1651

Previews

White Background



This preview shows how the YUV color 176.5590, -78.1696, 59.1458 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 176.5590, -78.1696, 59.1458 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 176.5590, -78.1696, 59.1458 Background



This preview shows how black text looks on a background with the YUV color 176.5590, -78.1696, 59.1458.



This preview shows how white text looks on a background with the YUV color 176.5590, -78.1696, 59.1458.

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

176.5590, -78.1696, 59.1458

Protanopia

175.1810, -75.0252, 30.5363

Deuteranopia

175.8310, -80.7687, 52.7682



Tritanopia

189.5770, -8.1725, 54.7450

Trichromacy



Original Color

176.5590, -78.1696, 59.1458

Protanomaly

175.6060, -76.2208, 40.6875

Deuteranomaly

176.3690, -80.0479, 54.9274

Tritanomaly

184.6440, -33.3485, 56.4402

Monochromacy



Original Color

176.5590, -78.1696, 59.1458

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.9770, -28.5827, 21.0682

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5590, -78.1696, 59.1458 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(244, 173, 18)` looks like.

```
.text, #text, p{  
    color:rgb(244, 173, 18)  
}
```

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(244, 173, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 173, 18) }
```

Border

The CSS property to change the border of an element to YUV 176.5590, -78.1696, 59.1458 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(244, 173, 18) }
```


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

```
.border{ border-color:rgb(244, 173, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 173, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 173, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 173, 18);  
box-shadow:4px 4px 4px 4px rgb(244, 173,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 176.5590, -78.1696, 59.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 173, 18) }
```

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

```
.background{ background-color: rgb(244,  
173, 18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor