

Converting Colors

YUV(169.9020, -61.5767,
57.0909)

Have a look what the booklet for
YUV(169.9020, -61.5767, 57.0909)
contains.

YUV(169.9020, -61.5767, 57.0909)	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(169.9020, -61.5767,
57.0909)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA12D
RGB	235, 161, 45
RGB Percent	92%, 63%, 18%
CMY	0.0784, 0.3686, 0.8235
CMYK	0.00, 0.31, 0.81, 0.08
HSL	37°, 83%, 55%
HSV	37°, 81%, 92%
XYZ	47.4795, 43.3414, 8.3459
YIQ	169.9020, 81.3400, -20.3880

Conversions

Conversions Part 2

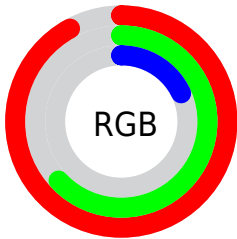
Format	Color
R _Y B	166, 235, 45
Decimal	15442221
CIE Lab	71.79, 18.34, 66.40
CIE LCh	72, 68.884, 74.560
Yxy	43.3414, 0.4788, 0.4371
Android (android.graphics.Color)	4293632301 (0xFFEBA12D)
YUV	169.9020, -61.5767, 57.0909
Hunter-Lab	65.8342, 13.5241, 38.5676

Details

The YUV color **169.9020, -61.5767, 57.0909** 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 **110.0980, 61.5767, -57.0909**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.5510, -55.9806, 35.4738**, and **116.5960, -57.4818, 50.3433** is the 20% darker color. If you saturate the color by 10%, you get **161.9970, -69.0185, 64.0236**, and if you desaturate by 10%, it is **177.9210, -53.6981, 50.0583**.

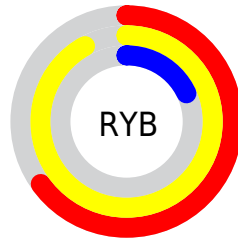
Distribution



Red (92%)

Green (63%)

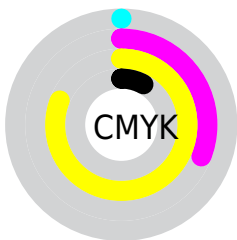
Blue (18%)



Red (65%)

Yellow (92%)

Blue (18%)

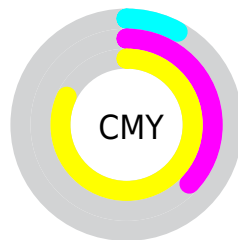


Cyan (0%)

Magenta (31%)

Yellow (81%)

Black (8%)



Cyan (8%)

Magenta (37%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.9020, -61.5767, 57.0909 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 169.9020, -61.5767, 57.0909 by changing the saturation by 10% instead.

169.9020,
-61.5767, 57.0909

169.9020,
-61.5767, 57.0909

255.0000, 0.0000,
0.0000

140.9250,
-66.5180, 55.3168

214.5510,
-55.9806, 35.4738

116.5960,
-57.4818, 50.3433

234.0650,
-52.2900, 18.3600

92.9510, -45.8248,
44.7700

243.6000,
-43.6798, 9.9978

70.7790, -34.8940,
38.7818

246.9060,
-31.0127, 7.0984

49.1940, -24.2526,
32.2789

250.0980,
-18.7823, 4.2991

28.7940, -14.1954,
26.4907

253.4040, -6.1152,

10.7640, -5.3067,

1.3997

22.1320

■ 0.0000, 0.0000,
0.0000

■ 169.9020,
-61.5767, 57.0909

■ 169.9020,
-61.5767, 57.0909

■ 161.9970,
-69.0185, 64.0236

■ 177.9210,
-53.6981, 50.0583

■ 154.2060,
-76.0236, 70.8563

■ 185.8260,
-46.2562, 43.1256

■ 193.8450,
-38.3776, 36.0929

■ 202.3370,
-31.2251, 28.6455

■ 210.3560,
-23.3465, 21.6128

■ 218.2610,
-15.9047, 14.6801

■ 226.2800, -8.0260,
7.6474

■ 234.1850, -0.5842,
0.7148

■ 241.9760, 6.4208,
-6.1180

Harmonies

Analogous

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



165.7500, -37.3447, 78.2723



169.9020, -61.5767, 57.0909



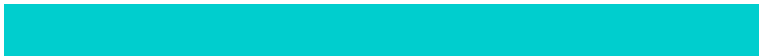
164.5730, -62.8935, 12.6525

Triad

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



169.9020, -61.5767, 57.0909



144.4060, 30.3658, -126.6441



179.9540, 36.9977, 33.3663

Complementary

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



169.9020, -61.5767, 57.0909



110.0980, 61.5767, -57.0909

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.



162.9240, 45.3935, -46.4143



169.9020, -61.5767, 57.0909



148.2310, 52.6371, -129.9986

Square

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



169.9020, -61.5767, 57.0909



135.7080, 2.1160, -119.0159



141.7740, 55.8204, -124.3358



171.3260, 19.5593, 73.3821

Rectangle

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



169.9020, -61.5767, 57.0909



159.9520, -47.7973, -22.7599



141.7740, 55.8204, -124.3358



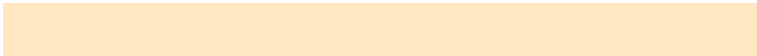
176.8650, 38.5206, 11.5194

Sweetspot

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



169.9020, -61.5767, 57.0909



233.9580, -19.6993, 18.4538



110.4740, 5.1893, 109.2093



114.9770, -11.8207, 11.4212



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.



169.9020, -61.5767, 57.0909



170.4900, -80.1076, 74.1153



207.6590, -80.1909, 7.3151



113.3980, -3.6472, 3.1590



119.2760, -58.8031, 54.1319



35.5170, -17.5099, 16.2096

Inverse Universe

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



110.0980, 61.5767, -57.0909



92.5100, 80.1076, -74.1153



72.3410, 80.1909, -7.3151



109.6020, 3.6472, -3.1590



62.3110, 58.5137, -54.6467



18.4830, 17.5099, -16.2096

Previews

White Background



This preview shows how the YUV color 169.9020, -61.5767, 57.0909 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 169.9020, -61.5767, 57.0909 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 169.9020, -61.5767, 57.0909

Background



This preview shows how black text looks on a background with the YUV color 169.9020, -61.5767, 57.0909.



This preview shows how white text looks on a background with the YUV color 169.9020, -61.5767, 57.0909.

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

169.9020, -61.5767, 57.0909

Protanopia

168.6870, -59.0057, 25.7075

Deuteranopia

169.1950, -62.7071, 46.3100



Tritanopia

178.7620, -8.7567, 55.4597

Trichromacy



Original Color

169.9020, -61.5767, 57.0909

Protanomaly

168.9380, -59.6224, 36.8884

Deuteranomaly

169.6300, -62.4286, 50.3135

Tritanomaly

175.4250, -27.8175, 55.7553

Monochromacy



Original Color

169.9020, -61.5767, 57.0909

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.2850, -22.3255, 20.7981

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9020, -61.5767, 57.0909 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(235, 161, 45)` looks like.

```
.text, #text, p{  
    color:rgb(235, 161, 45)  
}
```

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(235, 161, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 161, 45) }
```

Border

The CSS property to change the border of an element to YUV 169.9020, -61.5767, 57.0909 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(235, 161, 45) }
```


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

```
.border{ border-color:rgb(235, 161, 45) }
```

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

Here you see how a box with a 4 pixel rgb(235, 161, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 161, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 161, 45);  
box-shadow:4px 4px 4px 4px rgb(235, 161,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 169.9020, -61.5767, 57.0909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 161, 45) }
```

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

```
.background{ background-color: rgb(235,  
161, 45) }
```

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