

Converting Colors

YUV(171.3660, -68.7074,
57.5610)

Have a look what the booklet for
YUV(171.3660, -68.7074, 57.5610)
contains.

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Color

**YUV(171.3660, -68.7074,
57.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA520
RGB	237, 165, 32
RGB Percent	93%, 65%, 13%
CMY	0.0706, 0.3529, 0.8745
CMYK	0.00, 0.30, 0.86, 0.07
HSL	39°, 85%, 53%
HSV	39°, 86%, 93%
XYZ	48.6409, 45.0191, 7.4924
YIQ	171.3660, 85.6050, -26.0990

Conversions

Conversions Part 2

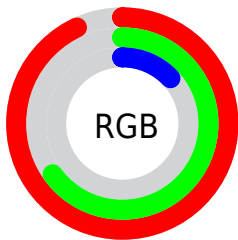
Format	Color
RYB	143, 237, 32
Decimal	15574304
CIELab	72.90, 16.73, 71.33
CIELCh	73, 73.262, 76.801
Yxy	45.0191, 0.4809, 0.4451
Android (android.graphics.Color)	4293764384 (0xFFEDA520)
YUV	171.3660, -68.7074, 57.5610
Hunter-Lab	67.0963, 11.9837, 40.3467

Details

The YUV color **171.3660, -68.7074, 57.5610** 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 **97.6340, 68.7074, -57.5610**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8730, -61.0694, 34.3144**, and **118.9550, -58.6448, 50.0285** is the 20% darker color. If you saturate the color by 10%, you get **163.9340, -76.8755, 64.0789**, and if you desaturate by 10%, it is **178.7980, -60.5394, 51.0432**.

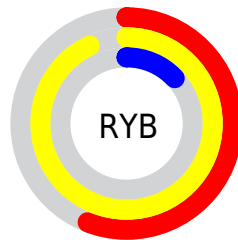
Distribution



Red (93%)

Green (65%)

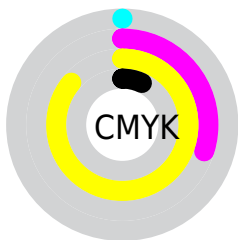
Blue (13%)



Red (56%)

Yellow (93%)

Blue (13%)

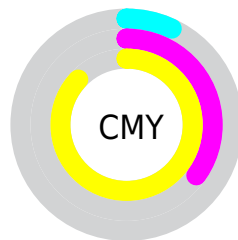


Cyan (0%)

Magenta (30%)

Yellow (86%)

Black (7%)



Cyan (7%)

Magenta (35%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.3660, -68.7074, 57.5610 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 171.3660, -68.7074, 57.5610 by changing the saturation by 10% instead.

171.3660,
-68.7074, 57.5610

171.3660,
-68.7074, 57.5610

255.0000, 0.0000,
0.0000

143.1870,
-70.5912, 55.0870

215.8730,
-61.0694, 34.3144

118.9550,
-58.6448, 50.0285

235.5010,
-56.9420, 17.1006

95.8970, -47.2772,
43.9403

242.8020,
-46.7374, 10.6976

73.4260, -36.1990,
37.3374

245.9940,
-34.5070, 7.8983

51.5530, -25.4156,
31.9640

249.1860,
-22.2767, 5.0989

30.8540, -15.2110,
25.5610

252.6060, -9.1728,

11.0630, -5.4541,

2.0995

22.7467

■ 0.0000, 0.0000,
0.0000

■ 171.3660,
-68.7074, 57.5610

■ 171.3660,
-68.7074, 57.5610

■ 163.9340,
-76.8755, 64.0789

■ 178.7980,
-60.5394, 51.0432

■ 161.2610,
-79.5017, 66.4231

■ 186.7030,
-53.0976, 44.1105

■ 194.1350,
-44.9296, 37.5926

■ 201.5670,
-36.7615, 31.0747

■ 209.5860,
-28.8829, 24.0421

■ 216.9040,
-21.1517, 17.6242

■ 224.3360,
-12.9836, 11.1063

■ 232.3550, -5.1050,
4.0737

■ 239.6730, 2.6262,
-2.3442

Harmonies

Analogous

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



166.1260, -40.9811, 77.9425



171.3660, -68.7074, 57.5610



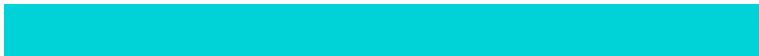
165.7700, -68.4136, 9.8487

Triad

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



171.3660, -68.7074, 57.5610



148.4810, 33.2869, -130.2178



182.3680, 35.8076, 41.7733

Complementary

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



171.3660, -68.7074, 57.5610



97.6340, 68.7074, -57.5610

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.



165.9030, 43.9248, -42.0109



171.3660, -68.7074, 57.5610



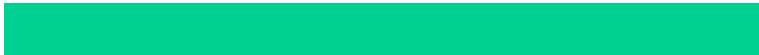
150.5790, 51.4796, -132.0578

Square

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



171.3660, -68.7074, 57.5610



139.3270, 3.2898, -122.1898



143.5350, 54.9522, -125.8802



169.5650, 20.4275, 74.9265

Rectangle

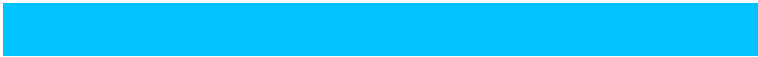
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



171.3660, -68.7074, 57.5610



160.5660, -49.0860, -29.4374



143.5350, 54.9522, -125.8802



179.5670, 37.1885, 18.7967

Sweetspot

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



171.3660, -68.7074, 57.5610



233.9750, -22.1727, 18.4389



101.8450, 2.5414, 118.5309



115.2220, -13.4204, 11.2063



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.



171.3660, -68.7074, 57.5610



173.1000, -85.3383, 71.8263



205.5570, -85.5636, 3.8965



113.3980, -3.6472, 3.1590



122.7980, -60.5394, 51.0432



36.6910, -18.0887, 15.1800

Inverse Universe

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



97.6340, 68.7074, -57.5610



81.9000, 85.3383, -71.8263



63.4430, 85.5636, -3.8965



109.6020, 3.6472, -3.1590



58.2020, 60.5394, -51.0432



17.3090, 18.0887, -15.1800

Previews

White Background



This preview shows how the YUV color 171.3660, -68.7074, 57.5610 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 171.3660, -68.7074, 57.5610 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 171.3660, -68.7074, 57.5610

Background



This preview shows how black text looks on a background with the YUV color 171.3660, -68.7074, 57.5610.



This preview shows how white text looks on a background with the YUV color 171.3660, -68.7074,

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

171.3660, -68.7074, 57.5610

Protanopia

170.1620, -66.1419, 27.9219

Deuteranopia

170.5560, -70.2801, 48.6244



Tritanopia

182.1640, -8.4619, 54.2302

Trichromacy



Original Color

171.3660, -68.7074, 57.5610

Protanomaly

171.0000, -67.0480, 38.5880

Deuteranomaly

170.6920, -69.8542, 52.0131

Tritanomaly

178.1430, -30.1435, 55.1256

Monochromacy



Original Color

171.3660, -68.7074, 57.5610

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1880, -25.2357, 20.8831

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3660, -68.7074, 57.5610 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(237, 165, 32)` looks like.

```
.text, #text, p{  
    color:rgb(237, 165, 32)  
}
```

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(237, 165, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 165, 32) }
```

Border

The CSS property to change the border of an element to YUV 171.3660, -68.7074, 57.5610 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(237, 165, 32) }
```


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

```
.border{ border-color:rgb(237, 165, 32) }
```

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

Here you see how a box with a 4 pixel rgb(237, 165, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 165, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 165, 32);  
box-shadow:4px 4px 4px 4px rgb(237, 165,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 171.3660, -68.7074, 57.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 165, 32) }
```

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

```
.background{ background-color: rgb(237,  
165, 32) }
```

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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