

Converting Colors

YUV(169.6170, -72.7752,
55.5869)

Have a look what the booklet for
YUV(169.6170, -72.7752, 55.5869)
contains.

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Color

**YUV(169.6170, -72.7752,
55.5869)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A616
RGB	233, 166, 22
RGB Percent	91%, 65%, 9%
CMY	0.0863, 0.3490, 0.9137
CMYK	0.00, 0.29, 0.91, 0.09
HSL	41°, 83%, 50%
HSV	41°, 91%, 91%
XYZ	47.3853, 44.6540, 6.8807
YIQ	169.6170, 86.1560, -30.5800

Conversions

Conversions Part 2

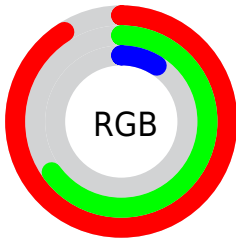
Format	Color
RYB	120, 233, 22
Decimal	15312406
CIELab	72.66, 14.30, 73.21
CIELCh	73, 74.588, 78.951
Yxy	44.6540, 0.4790, 0.4514
Android (android.graphics.Color)	4293502486 (0xFFE9A616)
YUV	169.6170, -72.7752, 55.5869
Hunter-Lab	66.8236, 9.6347, 40.6716

Details

The YUV color **169.6170, -72.7752, 55.5869** 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 **85.3830, 72.7752, -55.5869**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7760, -63.9796, 34.3994**, and **118.3460, -58.3446, 47.0546** is the 20% darker color. If you saturate the color by 10%, you get **163.0000, -80.3590, 61.3900**, and if you desaturate by 10%, it is **176.3480, -64.7546, 49.6838**.

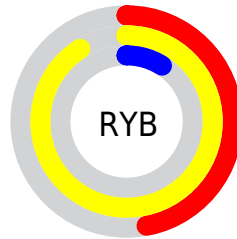
Distribution



Red (91%)

Green (65%)

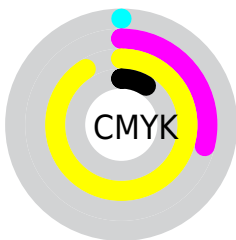
Blue (9%)



Red (47%)

Yellow (91%)

Blue (9%)

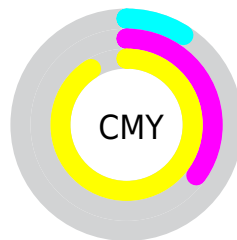


Cyan (0%)

Magenta (29%)

Yellow (91%)

Black (9%)



Cyan (9%)

Magenta (35%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.6170, -72.7752, 55.5869 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 169.6170, -72.7752, 55.5869 by changing the saturation by 10% instead.

169.6170,
-72.7752, 55.5869

169.6170,
-72.7752, 55.5869

255.0000, 0.0000,
0.0000

142.5780,
-70.2910, 52.1131

215.7760,
-63.9796, 34.3994

118.3460,
-58.3446, 47.0546

235.4040,
-59.8522, 17.1857

95.2880, -46.9770,
40.9664

242.1180,
-49.3582, 11.2975

73.1160, -36.0462,
34.9783

245.4240,
-36.6910, 8.3982

51.5310, -25.4048,
28.4753

248.6160,
-24.4607, 5.5988

31.1310, -15.3476,
22.6871

251.9220,

10.1660, -5.0118,

-11.7935, 2.6994

20.9024

■ 0.0000, 0.0000,
0.0000

■ 169.6170,
-72.7752, 55.5869

■ 169.6170,
-72.7752, 55.5869

■ 163.0000,
-80.3590, 61.3900

■ 176.3480,
-64.7546, 49.6838

■ 183.7800,
-56.5865, 43.1659

■ 190.5110,
-48.5659, 37.2629

■ 197.8290,
-40.8347, 30.8450

■ 204.6740,
-32.3773, 24.8419

■ 211.4050,
-24.3567, 18.9388

■ 218.7230,
-16.6254, 12.5209

■ 225.4540, -8.6048,
6.6178

■ 232.8860, -0.4368,
0.1000

Harmonies

Analogous

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



165.9150, -44.3281, 78.1275



169.6170, -72.7752, 55.5869



164.1070, -69.5658, 6.0452

Triad

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



169.6170, -72.7752, 55.5869



148.4640, 35.7602, -130.2029



181.5150, 36.2281, 46.9063

Complementary

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



169.6170, -72.7752, 55.5869



85.3830, 72.7752, -55.5869

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.



167.4200, 43.1769, -35.4483



169.6170, -72.7752, 55.5869



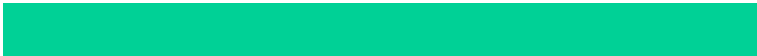
149.9920, 51.7689, -131.5430

Square

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



169.6170, -72.7752, 55.5869



139.7830, 5.0370, -122.5897



142.3610, 55.5310, -124.8506



166.7610, 19.8378, 77.3856

Rectangle

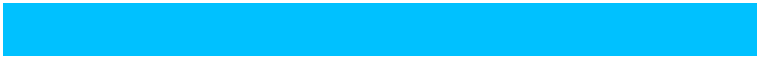
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



169.6170, -72.7752, 55.5869



158.8750, -47.7594, -34.9704



142.3610, 55.5310, -124.8506



179.6000, 37.1722, 24.0298

Sweetspot

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



169.6170, -72.7752, 55.5869



234.2200, -23.7725, 18.2241



93.0690, -0.5270, 122.7195



115.6950, -14.1466, 10.7915



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.



169.6170, -72.7752, 55.5869



178.3830, -87.9428, 67.1931



198.4810, -87.0051, -0.4218



113.9850, -3.9366, 2.6442



126.9070, -62.5652, 47.4396



37.8650, -18.6674, 14.1504

Inverse Universe

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



85.3830, 72.7752, -55.5869



76.6170, 87.9428, -67.1931



56.5190, 87.0051, 0.4218



109.0150, 3.9366, -2.6442



54.0930, 62.5652, -47.4396



16.1350, 18.6674, -14.1504

Previews

White Background



This preview shows how the YUV color 169.6170, -72.7752, 55.5869 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 169.6170, -72.7752, 55.5869 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 169.6170, -72.7752, 55.5869

Background



This preview shows how black text looks on a background with the YUV color 169.6170, -72.7752, 55.5869.



This preview shows how white text looks on a background with the YUV color 169.6170, -72.7752, 55.5869.

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

169.6170, -72.7752, 55.5869

Protanopia

168.1360, -70.0730, 28.8217

Deuteranopia

168.8290, -74.3587, 50.1390



Tritanopia

181.0820, -7.4354, 51.6711

Trichromacy



Original Color

169.6170, -72.7752, 55.5869

Protanomaly

168.6750, -70.8318, 38.8730

Deuteranomaly

169.2530, -74.0747, 52.3981

Tritanomaly

176.6050, -30.8643, 52.9664

Monochromacy



Original Color

169.6170, -72.7752, 55.5869

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1340, -26.6881, 20.0535

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.6170, -72.7752, 55.5869 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(233, 166, 22)` looks like.

```
.text, #text, p{  
    color:rgb(233, 166, 22)  
}
```

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(233, 166, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 166, 22) }
```

Border

The CSS property to change the border of an element to YUV 169.6170, -72.7752, 55.5869 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(233, 166, 22) }
```


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

```
.border{ border-color:rgb(233, 166, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 166, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 166, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 166, 22);  
box-shadow:4px 4px 4px 4px rgb(233, 166,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 169.6170, -72.7752, 55.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 166, 22) }
```

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

```
.background{ background-color: rgb(233,  
166, 22) }
```

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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