

Converting Colors

YUV(168.2800, -71.6230,
59.3904)

Have a look what the booklet for
YUV(168.2800, -71.6230, 59.3904)
contains.

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Color

**YUV(168.2800, -71.6230,
59.3904)**

Conversions

Conversions Part 1

Format	Color
Hex	ECA217
RGB	236, 162, 23
RGB Percent	93%, 64%, 9%
CMY	0.0745, 0.3647, 0.9098
CMYK	0.00, 0.31, 0.90, 0.07
HSL	39°, 85%, 51%
HSV	39°, 90%, 93%
XYZ	47.6671, 43.7354, 6.7401
YIQ	168.2800, 88.7230, -27.5410

Conversions

Conversions Part 2

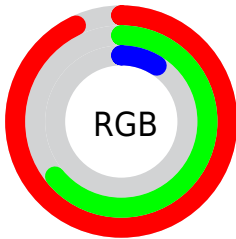
Format	Color
R _Y B	136, 236, 23
Decimal	15507991
CIE Lab	72.05, 17.72, 72.70
CIE LCh	72, 74.825, 76.303
Yxy	43.7354, 0.4857, 0.4456
Android (android.graphics.Color)	4293698071 (0xFFECA217)
YUV	168.2800, -71.6230, 59.3904
Hunter-Lab	66.1327, 12.9267, 40.2502

Details

The YUV color **168.2800, -71.6230, 59.3904** 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 **90.7200, 71.6230, -59.3904**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4280, -62.8220, 36.4586**, and **117.1830, -57.7712, 49.8285** is the 20% darker color. If you saturate the color by 10%, you get **160.9620, -79.3543, 65.8083**, and if you desaturate by 10%, it is **175.7120, -63.4550, 52.8726**.

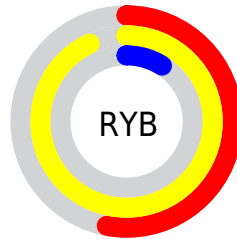
Distribution



Red (93%)

Green (64%)

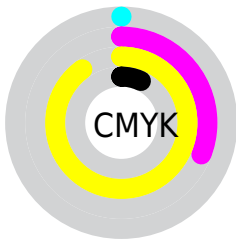
Blue (9%)



Red (53%)

Yellow (93%)

Blue (9%)

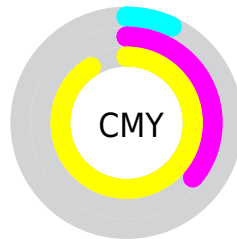


Cyan (0%)

Magenta (31%)

Yellow (90%)

Black (7%)



Cyan (7%)

Magenta (36%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2800, -71.6230, 59.3904 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 168.2800, -71.6230, 59.3904 by changing the saturation by 10% instead.

168.2800,
-71.6230, 59.3904

168.2800,
-71.6230, 59.3904

255.0000, 0.0000,
0.0000

141.1270,
-69.5756, 56.0166

213.4280,
-62.8220, 36.4586

117.1830,
-57.7712, 49.8285

233.0560,
-58.6946, 19.2449

93.8370, -46.2616,
44.8700

242.1180,
-49.3582, 11.2975

71.3660, -35.1834,
38.2670

245.3100,
-37.1278, 8.4981

49.7810, -24.5420,
31.7641

248.6160,
-24.4607, 5.5988

29.3810, -14.4848,
25.9759

251.9220,

10.7640, -5.3067,

-11.7935, 2.6994

22.1320

■ 0.0000, 0.0000,
0.0000

■ 168.2800,
-71.6230, 59.3904

■ 168.2800,
-71.6230, 59.3904

■ 160.9620,
-79.3543, 65.8083

■ 175.7120,
-63.4550, 52.8726

■ 183.0300,
-55.7238, 46.4547

■ 191.0490,
-47.8452, 39.4220

■ 198.3670,
-40.1139, 33.0041

■ 205.7990,
-31.9459, 26.4863

■ 213.2310,
-23.7779, 19.9684

■ 220.5490,
-16.0467, 13.5505

■ 228.5680, -8.1680,
6.5179

■ 235.8860, -0.4368,
0.1000

Harmonies

Analogous

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



163.3220, -41.5707, 80.4016



168.2800, -71.6230, 59.3904



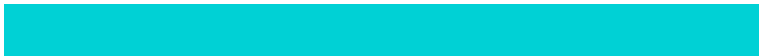
162.4020, -73.6552, 11.0484

Triad

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



168.2800, -71.6230, 59.3904



146.9650, 32.5553, -128.8883



179.7100, 37.1180, 41.4733

Complementary

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



168.2800, -71.6230, 59.3904



90.7200, 71.6230, -59.3904

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.



162.6250, 45.5409, -47.0291



168.2800, -71.6230, 59.3904



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.



168.2800, -71.6230, 59.3904



137.6970, 2.1214, -120.7603



142.3610, 55.5310, -124.8506



166.6300, 21.8744, 77.5005

Rectangle

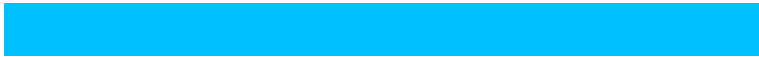
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168.2800, -71.6230, 59.3904



157.9960, -51.2700, -28.9375



142.3610, 55.5310, -124.8506



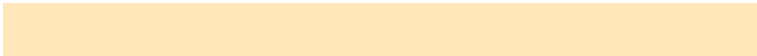
177.1970, 38.3569, 17.3672

Sweetspot

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



168.2800, -71.6230, 59.3904



233.0460, -23.1937, 19.2537



95.2370, 1.3622, 123.4492



114.5210, -13.5679, 11.8211



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.



168.2800, -71.6230, 59.3904



173.6870, -85.6277, 71.3115



202.1500, -88.3209, 1.6225



113.3980, -3.6472, 3.1590



123.3850, -60.8288, 50.5284



36.6910, -18.0887, 15.1800

Inverse Universe

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



90.7200, 71.6230, -59.3904



81.3130, 85.6277, -71.3115



56.8500, 88.3209, -1.6224



109.6020, 3.6472, -3.1590



57.6150, 60.8288, -50.5284



17.3090, 18.0887, -15.1800

Previews

White Background



This preview shows how the YUV color 168.2800, -71.6230, 59.3904 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 168.2800, -71.6230, 59.3904 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 168.2800, -71.6230, 59.3904 Background



This preview shows how black text looks on a background with the YUV color 168.2800, -71.6230, 59.3904.



This preview shows how white text looks on a background with the YUV color 168.2800, -71.6230,

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

168.2800, -71.6230, 59.3904

Protanopia

166.5920, -68.3259, 28.4218

Deuteranopia

167.4160, -74.6481, 49.6242



Tritanopia

179.7620, -8.7567, 55.4597

Trichromacy



Original Color

168.2800, -71.6230, 59.3904

Protanomaly

167.3160, -69.6688, 39.1879

Deuteranomaly

167.7800, -73.3485, 52.8129

Tritanomaly

175.3990, -31.7487, 56.6551

Monochromacy



Original Color

168.2800, -71.6230, 59.3904

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.2590, -26.2567, 21.6979

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2800, -71.6230, 59.3904 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(236, 162, 23)` looks like.

```
.text, #text, p{  
    color:rgb(236, 162, 23)  
}
```

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(236, 162, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 162, 23) }
```

Border

The CSS property to change the border of an element to YUV 168.2800, -71.6230, 59.3904 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(236, 162, 23) }
```


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

```
.border{ border-color:rgb(236, 162, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 162, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 162, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 162, 23);  
box-shadow:4px 4px 4px 4px rgb(236, 162,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 168.2800, -71.6230, 59.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 162, 23) }
```

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

```
.background{ background-color: rgb(236,  
162, 23) }
```

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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