

Converting Colors

YUV(163.6530, -70.8209,
35.3843)

Have a look what the booklet for
YUV(163.6530, -70.8209, 35.3843)
contains.

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Color

**YUV(163.6530, -70.8209,
35.3843)**

Conversions

Conversions Part 1

Format	Color
Hex	CCAB14
RGB	204, 171, 20
RGB Percent	80%, 67%, 8%
CMY	0.2000, 0.3294, 0.9216
CMYK	0.00, 0.16, 0.90, 0.20
HSL	49°, 82%, 44%
HSV	49°, 90%, 80%
XYZ	39.5910, 42.0137, 6.6846
YIQ	163.6530, 68.1390, -39.9650

Conversions

Conversions Part 2

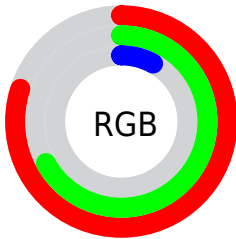
Format	Color
RYB	60, 204, 20
Decimal	13413140
CIELab	70.88, -1.07, 70.90
CIElCh	71, 70.903, 90.866
Yxy	42.0137, 0.4484, 0.4759
Android (android.graphics.Color)	4291603220 (0xFFCCAB14)
YUV	163.6530, -70.8209, 35.3843
Hunter-Lab	64.8180, -4.4031, 39.2581

Details

The YUV color **163.6530, -70.8209, 35.3843** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **60.3470, 70.8209, -35.3843**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5970, -65.8633, 31.9254**, and **113.2080, -55.8115, 27.8816** is the 20% darker color. If you saturate the color by 10%, you get **159.0250, -78.3993, 39.4431**, and if you desaturate by 10%, it is **168.2810, -63.2425, 31.3256**.

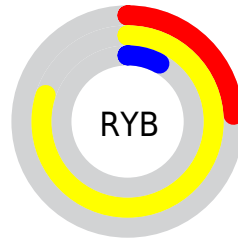
Distribution



Red (80%)

Green (67%)

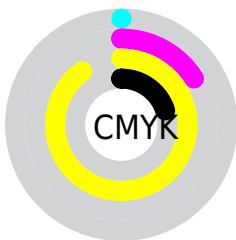
Blue (8%)



Red (24%)

Yellow (80%)

Blue (8%)

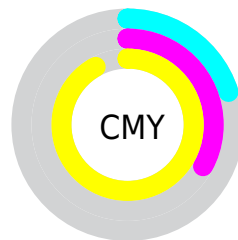


Cyan (0%)

Magenta (16%)

Yellow (90%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.6530, -70.8209, 35.3843 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 163.6530, -70.8209, 35.3843 by changing the saturation by 10% instead.

■ 163.6530,
-70.8209, 35.3843

■ 163.6530,
-70.8209, 35.3843

■ 255.0000, 0.0000,
0.0000

■ 137.1410,
-67.6105, 32.3253

■ 218.5970,
-65.8633, 31.9254

■ 113.2080,
-55.8115, 27.8816

■ 238.2250,
-61.7359, 14.7117

■ 90.7480, -44.7388,
23.0230

■ 242.0040,
-49.7950, 11.3975

■ 68.5760, -33.8080,
17.0348

■ 245.1960,
-37.5646, 8.5981

■ 47.3010, -23.3194,
12.8910

■ 248.5020,
-24.8975, 5.6987

■ 28.0860, -13.8464,
7.8176

■ 251.8080,

■ 2.9460, -1.4524,

-12.2303, 2.7994

-0.8296

■ 0.0000, 0.0000,
0.0000

■ 163.6530,
-70.8209, 35.3843

■ 163.6530,
-70.8209, 35.3843

■ 159.0250,
-78.3993, 39.4431

■ 168.2810,
-63.2425, 31.3256

■ 172.4360,
-54.9379, 27.6816

■ 177.0640,
-47.3596, 23.6229

■ 181.8060,
-39.3444, 19.4641

■ 185.8470,
-31.4766, 15.9202

■ 190.4750,
-23.8982, 11.8614

■ 195.2170,
-15.8830, 7.7027

■ 199.2580, -8.0152,
4.1587

■ 204.0000, 0.0000,
0.0000

Harmonies

Analogous

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



168.1460, -54.7950, 75.2940



163.6530, -70.8209, 35.3843



158.2040, -53.3446, -16.8419

Triad

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



163.6530, -70.8209, 35.3843



146.2930, 45.2116, -128.2990



176.9150, 29.6219, 65.8495

Complementary

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



163.6530, -70.8209, 35.3843



60.3470, 70.8209, -35.3843

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.



172.3800, 40.7317, 2.2977



163.6530, -70.8209, 35.3843



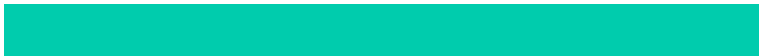
144.1220, 54.6629, -126.3950

Square

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



163.6530, -70.8209, 35.3843



139.4700, 16.5303, -122.3152



134.7300, 59.2931, -118.1582



160.6510, 6.5811, 82.7441

Rectangle

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



163.6530, -70.8209, 35.3843



148.5910, -30.3644, -61.0313



134.7300, 59.2931, -118.1582



178.2700, 37.8279, 47.1212

Sweetspot

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



163.6530, -70.8209, 35.3843



240.0900, -26.6664, 13.0761



78.8920, -12.2718, 109.7197



118.6300, -15.5936, 8.2175



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.



163.6530, -70.8209, 35.3843



198.9280, -98.0715, 49.1751



165.6820, -71.8212, -17.2611



99.6860, -3.7892, 2.0294



129.4660, -63.8267, 32.0403



29.5590, -14.5726, 7.4028

Inverse Universe

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



60.3470, 70.8209, -35.3843



56.0720, 98.0715, -49.1751



58.3180, 71.8212, 17.2611



94.3140, 3.7892, -2.0294



36.5340, 63.8267, -32.0403



8.4410, 14.5726, -7.4028

Previews

White Background



This preview shows how the YUV color 163.6530, -70.8209, 35.3843 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 163.6530, -70.8209, 35.3843 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 163.6530, -70.8209, 35.3843

Background



This preview shows how black text looks on a background with the YUV color 163.6530, -70.8209, 35.3843.



This preview shows how white text looks on a background with the YUV color 163.6530, -70.8209, 35.3843.

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

163.6530, -70.8209, 35.3843

Protanopia

163.1360, -70.0730, 28.8217

Deuteranopia

165.3000, -68.6749, 47.0949



Tritanopia

176.5140, -2.7184, 31.9982

Trichromacy



Original Color

163.6530, -70.8209, 35.3843

Protanomaly

163.4460, -70.2259, 31.1809

Deuteranomaly

164.7510, -69.3902, 43.1914

Tritanomaly

171.6950, -27.4576, 33.5935

Monochromacy



Original Color

163.6530, -70.8209, 35.3843

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.3180, -25.7928, 12.8761

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.6530, -70.8209, 35.3843 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(204, 171, 20)` looks like.

```
.text, #text, p{  
    color:rgb(204, 171, 20)  
}
```

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(204, 171, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 171, 20) }
```

Border

The CSS property to change the border of an element to YUV 163.6530, -70.8209, 35.3843 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(204, 171, 20) }
```


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

```
.border{ border-color:rgb(204, 171, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 171, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 171, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 171, 20);  
box-shadow:4px 4px 4px 4px rgb(204, 171,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 163.6530, -70.8209, 35.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 171, 20) }
```

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

```
.background{ background-color: rgb(204,  
171, 20) }
```

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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