

Converting Colors

YUV(136.2250, -31.1699,
57.6847)

Have a look what the booklet for
YUV(136.2250, -31.1699, 57.6847)
contains.

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Color

**YUV(136.2250, -31.1699,
57.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7349
RGB	202, 115, 73
RGB Percent	79%, 45%, 29%
CMY	0.2078, 0.5490, 0.7137
CMYK	0.00, 0.43, 0.64, 0.21
HSL	20°, 55%, 54%
HSV	20°, 64%, 79%
XYZ	31.6905, 25.2991, 9.5163
YIQ	136.2250, 65.3340, 5.3820

Conversions

Conversions Part 2

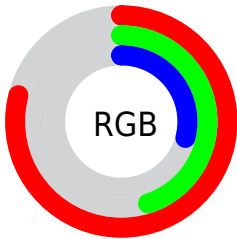
Format	Color
R _Y B	202, 135, 73
Decimal	13267785
CIE Lab	57.37, 30.48, 37.74
CIE LCh	57, 48.508, 51.073
Yxy	25.2991, 0.4765, 0.3804
Android (android.graphics.Color)	4291457865 (0xFFCA7349)
YUV	136.2250, -31.1699, 57.6847
Hunter-Lab	50.2982, 24.4424, 23.9912

Details

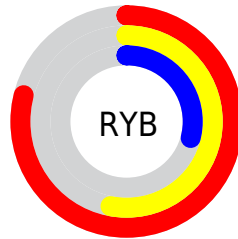
The YUV color **136.2250, -31.1699, 57.6847** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **138.7750, 31.1699, -57.6847**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.8830, -32.4803, 57.9846**, and **83.8760, -28.5329, 51.8517** is the 20% darker color. If you saturate the color by 10%, you get **125.7270, -35.8544, 66.8914**, and if you desaturate by 10%, it is **146.7230, -26.4854, 48.4779**.

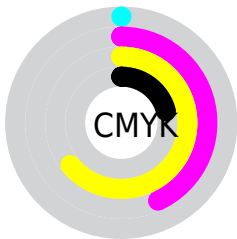
Distribution



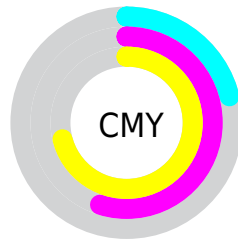
- Red (79%)
- Green (45%)
- Blue (29%)



- Red (79%)
- Yellow (53%)
- Blue (29%)



- Cyan (0%)
- Magenta (43%)
- Yellow (64%)
- Black (21%)



- Cyan (21%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.2250, -31.1699, 57.6847 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 136.2250, -31.1699, 57.6847 by changing the saturation by 10% instead.

■ 136.2250,
-31.1699, 57.6847

■ 136.2250,
-31.1699, 57.6847

■ 255.0000, 0.0000,
0.0000

■ 109.8440,
-29.9961, 54.5108

■ 188.8830,
-32.4803, 57.9846

■ 83.8760, -28.5329,
51.8517

■ 207.6960,
-28.9371, 41.4856

■ 58.3810, -27.7958,
48.7779

■ 227.7970,
-25.5359, 23.8570

■ 35.6930, -17.5966,
44.1192

■ 247.3110,
-21.8453, 6.7433

■ 17.6410, -8.6970,
36.2718

■ 252.3780,
-10.0464, 2.2995

■ 9.9810, -4.4276,
20.1877

■ 0.0000, 0.0000,

0.0000

■ 136.2250,
-31.1699, 57.6847

■ 136.2250,
-31.1699, 57.6847

■ 125.7270,
-35.8544, 66.8914

■ 146.7230,
-26.4854, 48.4779

■ 115.8160,
-40.8283, 75.5834

■ 156.6340,
-21.5116, 39.7860

■ 105.2040,
-45.9496, 84.8901

■ 167.2460,
-16.3903, 30.4793

■ 99.1400, -48.8760,
90.2082

■ 177.1570,
-11.4164, 21.7873

■ 187.6550, -6.7319,
12.5806

■ 198.1530, -2.0474,
3.3738

■ 208.0640, 2.9264,
-5.3181

■ 218.6760, 8.0477,
-14.6249

■ 229.1740, 12.7322,
-23.8316

Harmonies

Analogous

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



136.9980, -13.3100, 69.2848



136.2250, -31.1699, 57.6847



134.1390, -40.9875, 33.2041

Triad

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



136.2250, -31.1699, 57.6847



106.7680, 8.0024, -93.6355



137.5040, 39.1915, -17.1050

Complementary

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



136.2250, -31.1699, 57.6847



138.7750, 31.1699, -57.6847

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.



110.8960, 54.2813, -97.2558



136.2250, -31.1699, 57.6847



112.3710, 26.9321, -98.5494

Square

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



136.2250, -31.1699, 57.6847



123.3780, -20.3994, -37.1655



114.1270, 43.8144, -100.0894



141.6150, 24.3468, 31.0326

Rectangle

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



136.2250, -31.1699, 57.6847



132.3060, -41.0699, 12.8866



114.1270, 43.8144, -100.0894



132.5230, 43.6192, -37.2927

Sweetspot

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



136.2250, -31.1699, 57.6847



230.1570, -11.4164, 21.7873



121.6030, 19.4227, 70.5082



112.8400, -7.3161, 13.2953



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.



136.2250, -31.1699, 57.6847



155.1720, -47.4128, 87.5492



173.2060, -49.4016, 25.2523



96.7510, -2.3422, 4.6034



81.3320, -40.0967, 74.2538



18.4060, -9.0742, 17.1839

Inverse Universe

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



138.7750, 31.1699, -57.6847



158.8280, 47.4128, -87.5492



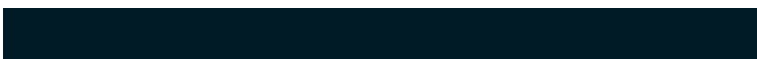
101.7940, 49.4016, -25.2523



97.2490, 2.3422, -4.6034



84.6680, 40.0967, -74.2538



19.5940, 9.0742, -17.1839

Previews

White Background



This preview shows how the YUV color 136.2250, -31.1699, 57.6847 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 136.2250, -31.1699, 57.6847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

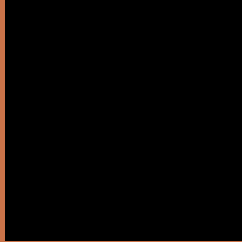
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.2250, -31.1699, 57.6847

Background



This preview shows how black text looks on a background with the YUV color 136.2250, -31.1699, 57.6847.



This preview shows how white text looks on a background with the YUV color 136.2250, -31.1699,

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

136.2250, -31.1699, 57.6847

Protanopia

135.3890, -26.8138, 13.6908

Deuteranopia

136.1800, -33.1197, 29.6601



Tritanopia

139.2030, -10.9461, 57.7040

Trichromacy



Original Color

136.2250, -31.1699, 57.6847

Protanomaly

136.0320, -28.6098, 29.7899

Deuteranomaly

136.3600, -32.7155, 40.0263

Tritanomaly

138.2540, -18.3662, 57.6592

Monochromacy



Original Color

136.2250, -31.1699, 57.6847

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8580, -11.2690, 21.1725

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2250, -31.1699, 57.6847 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(202, 115, 73)` looks like.

```
.text, #text, p{  
    color:rgb(202, 115, 73)  
}
```

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(202, 115, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 115, 73) }
```

Border

The CSS property to change the border of an element to YUV 136.2250, -31.1699, 57.6847 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(202, 115, 73) }
```


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

```
.border{ border-color:rgb(202, 115, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 115, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 115, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 115, 73);  
box-shadow:4px 4px 4px 4px rgb(202, 115,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 136.2250, -31.1699, 57.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 115, 73) }
```

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

```
.background{ background-color: rgb(202,  
115, 73) }
```

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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