

Converting Colors

YUV(136.7790, -31.4430,
51.9368)

Have a look what the booklet for
YUV(136.7790, -31.4430, 51.9368)
contains.

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Color

**YUV(136.7790, -31.4430,
51.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	C47749
RGB	196, 119, 73
RGB Percent	77%, 47%, 29%
CMY	0.2314, 0.5333, 0.7137
CMYK	0.00, 0.39, 0.63, 0.23
HSL	22°, 51%, 53%
HSV	22°, 63%, 77%
XYZ	30.5644, 25.4105, 9.5971
YIQ	136.7790, 60.6580, 2.0180

Conversions

Conversions Part 2

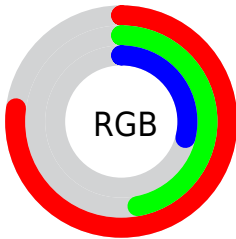
Format	Color
R_{YB}	196, 146, 73
Decimal	12875593
CIE _{Lab}	57.47, 25.86, 37.67
CIE _{LCh}	57, 45.693, 55.532
Yxy	25.4105, 0.4661, 0.3875
Android (android.graphics.Color)	4291065673 (0xFFC47749)
YUV	136.7790, -31.4430, 51.9368
Hunter-Lab	50.4088, 20.0146, 23.9982

Details

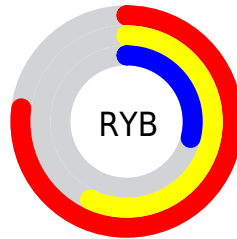
The YUV color **136.7790, -31.4430, 51.9368** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **132.2210, 31.4430, -51.9368**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2310, -33.6379, 55.9254**, and **85.3160, -29.2428, 46.2039** is the 20% darker color. If you saturate the color by 10%, you get **127.4550, -36.7063, 60.1140**, and if you desaturate by 10%, it is **146.1030, -26.1798, 43.7597**.

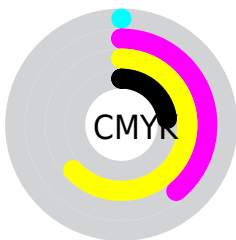
Distribution



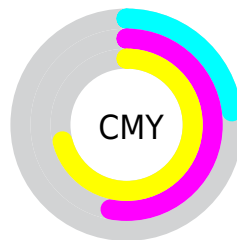
- Red (77%)
- Green (47%)
- Blue (29%)



- Red (77%)
- Yellow (57%)
- Blue (29%)



- Cyan (0%)
- Magenta (39%)
- Yellow (63%)
- Black (23%)



- Cyan (23%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7790, -31.4430, 51.9368 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 136.7790, -31.4430, 51.9368 by changing the saturation by 10% instead.

■ 136.7790,
-31.4430, 51.9368

■ 136.7790,
-31.4430, 51.9368

255.0000, 0.0000,
0.0000

■ 110.6970,
-30.4166, 49.3777

■ 191.2310,
-33.6379, 55.9254

■ 85.3160, -29.2428,
46.2039

■ 210.0440,
-30.0947, 39.4264

■ 60.1200, -28.6532,
43.7448

■ 230.1450,
-26.6935, 21.7978

■ 38.0190, -18.7434,
38.5713

■ 249.1860,
-22.2767, 5.0989

■ 17.0320, -8.3968,
33.2979

■ 252.3780,
-10.0464, 2.2995

■ 8.4860, -3.6906,
17.1138

■ 0.0000, 0.0000,

0.0000

■ 136.7790,
-31.4430, 51.9368

■ 136.7790,
-31.4430, 51.9368

■ 127.4550,
-36.7063, 60.1140

■ 146.1030,
-26.1798, 43.7597

■ 117.6580,
-41.2434, 68.7059

■ 155.9000,
-21.6427, 35.1677

■ 108.3340,
-46.5067, 76.8831

■ 165.2240,
-16.3794, 26.9906

■ 101.4550,
-50.0173, 82.9160

■ 174.4340,
-11.5530, 18.9134

■ 183.7580, -6.2897,
10.7362

■ 193.6690, -1.3158,
2.0443

■ 202.8790, 3.5107,
-6.0329

■ 212.2030, 8.7739,
-14.2100

■ 221.4130, 13.6004,
-22.2872

Harmonies

Analogous

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



138.2810, -15.9145, 64.6516



136.7790, -31.4430, 51.9368



134.6760, -38.7873, 27.4711

Triad

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



136.7790, -31.4430, 51.9368



107.5660, 11.0600, -94.3354



139.4190, 34.7964, -7.3835

Complementary

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



136.7790, -31.4430, 51.9368



132.2210, 31.4430, -51.9368

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.



120.6280, 47.5114, -72.4648



136.7790, -31.4430, 51.9368



112.2400, 28.9687, -98.4345

Square

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



136.7790, -31.4430, 51.9368



123.7950, -16.1679, -41.0392



112.9530, 44.3932, -99.0598



142.3120, 20.5522, 34.8064

Rectangle

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



136.7790, -31.4430, 51.9368



132.0110, -36.9804, 7.8834



112.9530, 44.3932, -99.0598



136.0470, 38.9238, -24.5972

Sweetspot

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



136.7790, -31.4430, 51.9368



231.9180, -12.2846, 20.2429



118.6690, 15.9392, 67.8193



113.4270, -7.6055, 12.7805



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.



136.7790, -31.4430, 51.9368



162.7860, -48.7015, 80.8717



172.5860, -49.0959, 20.5341



92.3380, -2.6316, 4.0886



83.3590, -41.0960, 68.0912



16.9110, -8.3371, 14.1101

Inverse Universe

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



132.2210, 31.4430, -51.9368



155.6270, 48.9909, -80.3569



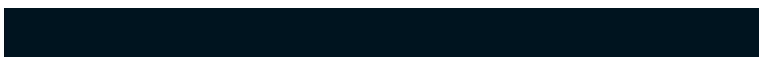
96.4140, 49.0959, -20.5341



91.6620, 2.6316, -4.0886



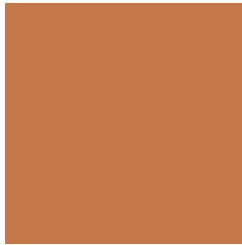
77.6410, 41.0960, -68.0912



16.0890, 8.3371, -14.1101

Previews

White Background



This preview shows how the YUV color 136.7790, -31.4430, 51.9368 looks on a white background.

Color Contrast Check

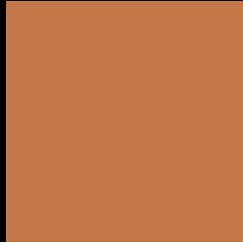
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7790, -31.4430, 51.9368 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 136.7790, -31.4430, 51.9368

Background



This preview shows how black text looks on a background with the YUV color 136.7790, -31.4430, 51.9368.



This preview shows how white text looks on a background with the YUV color 136.7790, -31.4430,

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

136.7790, -31.4430, 51.9368

Protanopia

136.1610, -27.6874, 13.8908

Deuteranopia

136.2940, -32.6829, 29.5602



Tritanopia

139.6260, -9.1826, 52.0710

Trichromacy



Original Color

136.7790, -31.4430, 51.9368

Protanomaly

136.4940, -29.3305, 27.6308

Deuteranomaly

136.1640, -32.1259, 37.5672

Tritanomaly

138.5630, -17.0396, 52.1262

Monochromacy



Original Color

136.7790, -31.4430, 51.9368

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.5480, -11.1162, 18.8134

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7790, -31.4430, 51.9368 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(196, 119, 73)` looks like.

```
.text, #text, p{  
    color:rgb(196, 119, 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(196, 119, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 119, 73) }
```

Border

The CSS property to change the border of an element to YUV 136.7790, -31.4430, 51.9368 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(196, 119, 73) }
```


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

```
.border{ border-color:rgb(196, 119, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 119, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 119, 73); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 119, 73); box-shadow:4px 4px 4px 4px rgb(196, 119, 73) }
```

Background

The CSS property to change the background color of an element to YUV 136.7790, -31.4430, 51.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 119, 73) }
```

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

```
.background{ background-color: rgb(196,  
119, 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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