

Converting Colors

YUV(138.8010, -31.4539,
55.4255)

Have a look what the booklet for
YUV(138.8010, -31.4539, 55.4255)
contains.

YUV(138.8010, -31.4539, 55.4255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(138.8010, -31.4539,
55.4255)**

Conversions

Conversions Part 1

Format	Color
Hex	CA774B
RGB	202, 119, 75
RGB Percent	79%, 47%, 29%
CMY	0.2078, 0.5333, 0.7059
CMYK	0.00, 0.41, 0.63, 0.21
HSL	21°, 55%, 54%
HSV	21°, 63%, 79%
XYZ	32.2239, 26.2582, 10.0266
YIQ	138.8010, 63.5920, 3.9120

Conversions

Conversions Part 2

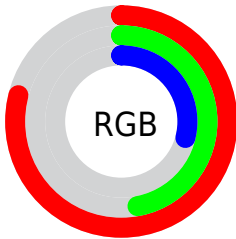
Format	Color
RYB	202, 142, 75
Decimal	13268811
CIELab	58.28, 28.47, 37.76
CIElCh	58, 47.285, 52.985
Yxy	26.2582, 0.4704, 0.3833
Android (android.graphics.Color)	4291458891 (0xFFCA774B)
YUV	138.8010, -31.4539, 55.4255
Hunter-Lab	51.2428, 22.5747, 24.2688

Details

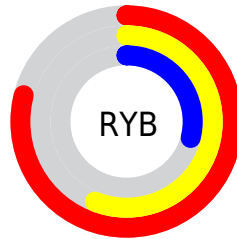
The YUV color **138.8010, -31.4539, 55.4255** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **138.1990, 31.4539, -55.4255**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4590, -32.7643, 55.7255**, and **86.4520, -28.8168, 49.5926** is the 20% darker color. If you saturate the color by 10%, you get **128.8900, -36.4278, 64.1175**, and if you desaturate by 10%, it is **148.7120, -26.4800, 46.7336**.

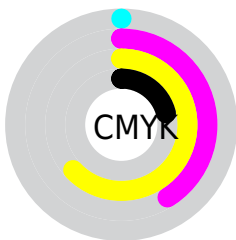
Distribution



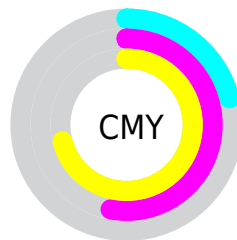
- Red (79%)
- Green (47%)
- Blue (29%)



- Red (79%)
- Yellow (56%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (63%)
- Black (21%)



- Cyan (21%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.8010, -31.4539, 55.4255 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 138.8010, -31.4539, 55.4255 by changing the saturation by 10% instead.

■ 138.8010,
-31.4539, 55.4255

■ 138.8010,
-31.4539, 55.4255

■ 255.0000, 0.0000,
0.0000

■ 112.4200,
-30.2801, 52.2517

■ 191.4590,
-32.7643, 55.7255

■ 86.4520, -28.8168,
49.5926

■ 210.8590,
-29.5105, 38.7117

■ 61.8430, -28.5166,
46.6187

■ 230.3730,
-25.8199, 21.5979

■ 38.9270, -19.1910,
42.1600

■ 249.4140,
-21.4031, 4.8989

■ 17.6410, -8.6970,
36.2718

■ 252.6060, -9.1728,
2.0995

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,

0.0000

■ 138.8010,
-31.4539, 55.4255

■ 138.8010,
-31.4539, 55.4255

■ 128.8900,
-36.4278, 64.1175

■ 148.7120,
-26.4800, 46.7336

■ 118.9790,
-41.4016, 72.8094

■ 158.6230,
-21.5061, 38.0416

■ 108.3670,
-46.5229, 82.1161

■ 169.2350,
-16.3849, 28.7349

■ 101.4880,
-50.0336, 88.1490

■ 179.1460,
-11.4110, 20.0430

■ 189.0570, -6.4371,
11.3510

■ 198.9680, -1.4632,
2.6591

■ 208.8790, 3.5107,
-6.0329

■ 219.4910, 8.6319,
-15.3396

■ 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.



139.6450, -14.6150, 67.8403



138.8010, -31.4539, 55.4255



136.9430, -40.3979, 30.7450

Triad

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



138.8010, -31.4539, 55.4255



108.6260, 10.0444, -95.2650



140.3690, 37.2861, -12.6016

Complementary

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



138.8010, -31.4539, 55.4255



138.1990, 31.4539, -55.4255

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.



111.5970, 54.4287, -97.8706



138.8010, -31.4539, 55.4255



114.0010, 28.1005, -99.9789

Square

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



138.8010, -31.4539, 55.4255



126.1220, -18.7941, -38.6950



115.5290, 44.1092, -101.3189



144.7570, 22.3048, 32.6621

Rectangle

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



138.8010, -31.4539, 55.4255



134.7510, -39.3172, 10.7424



115.5290, 44.1092, -101.3189



136.3990, 41.7083, -31.0449

Sweetspot

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



138.8010, -31.4539, 55.4255



230.7440, -11.7058, 21.2725



122.6630, 18.4071, 69.5785



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.



138.8010, -31.4539, 55.4255



159.8510, -47.2545, 83.4457



175.1950, -49.3961, 23.5080



96.7510, -2.3422, 4.6034



83.0930, -40.9648, 72.7094



18.9930, -9.3635, 16.6691

Inverse Universe

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



138.1990, 31.4539, -55.4255



159.1490, 47.2545, -83.4457



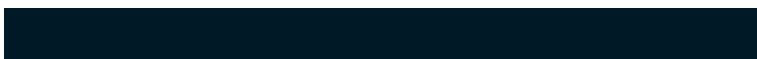
101.8050, 49.3961, -23.5080



96.6620, 2.6316, -4.0886



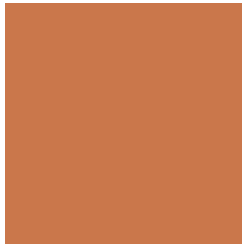
82.3200, 41.2542, -72.1946



19.0070, 9.3635, -16.6691

Previews

White Background



This preview shows how the YUV color 138.8010, -31.4539, 55.4255 looks on a white background.

Color Contrast Check

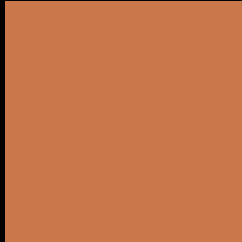
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.8010, -31.4539, 55.4255 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 138.8010, -31.4539, 55.4255

Background



This preview shows how black text looks on a background with the YUV color 138.8010, -31.4539, 55.4255.



This preview shows how white text looks on a background with the YUV color 138.8010, -31.4539,

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

138.8010, -31.4539, 55.4255

Protanopia

138.2750, -27.2506, 13.7908

Deuteranopia

138.5930, -32.8303, 30.1749



Tritanopia

141.5340, -9.6303, 55.6597

Trichromacy



Original Color

138.8010, -31.4539, 55.4255

Protanomaly

138.3200, -28.7518, 28.6604

Deuteranomaly

139.0610, -32.5681, 39.4115

Tritanomaly

140.4710, -17.4872, 55.7149

Monochromacy



Original Color

138.8010, -31.4539, 55.4255

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.1460, -11.4110, 20.0430

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.8010, -31.4539, 55.4255 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, 119, 75)` looks like.

```
.text, #text, p{  
    color:rgb(202, 119, 75)  
}
```

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, 119, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 119, 75) }
```

Border

The CSS property to change the border of an element to YUV 138.8010, -31.4539, 55.4255 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, 119, 75) }
```


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

```
.border{ border-color:rgb(202, 119, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 119, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 119, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 119, 75);  
box-shadow:4px 4px 4px 4px rgb(202, 119,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 138.8010, -31.4539, 55.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 119, 75) }
```

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

```
.background{ background-color: rgb(202,  
119, 75) }
```

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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