

Converting Colors

YUV(138.5200, -38.7104,
49.5330)

Have a look what the booklet for
YUV(138.5200, -38.7104, 49.5330)
contains.

YUV(138.5200, -38.7104, 49.5330)	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(138.5200, -38.7104,
49.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	C37D3C
RGB	195, 125, 60
RGB Percent	76%, 49%, 24%
CMY	0.2353, 0.5098, 0.7647
CMYK	0.00, 0.36, 0.69, 0.24
HSL	29°, 53%, 50%
HSV	29°, 69%, 76%
XYZ	30.6549, 26.5956, 7.7927
YIQ	138.5200, 62.5850, -5.3750

Conversions

Conversions Part 2

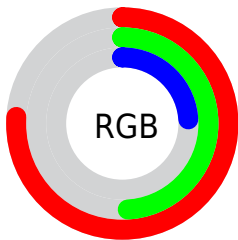
Format	Color
R_{YB}	195, 185, 60
Decimal	12811580
CIE Lab	58.60, 21.35, 45.58
CIE LCh	59, 50.332, 64.903
Yxy	26.5956, 0.4713, 0.4089
Android (android.graphics.Color)	4291001660 (0xFFC37D3C)
YUV	138.5200, -38.7104, 49.5330
Hunter-Lab	51.5709, 15.8553, 27.1405

Details

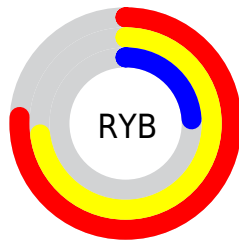
The YUV color **138.5200, -38.7104, 49.5330** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **116.4800, 38.7104, -49.5330**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2710, -41.0526, 54.1363**, and **86.4870, -38.6941, 44.2999** is the 20% darker color. If you saturate the color by 10%, you get **130.4840, -44.1156, 56.5805**, and if you desaturate by 10%, it is **146.6700, -32.8683, 42.3854**.

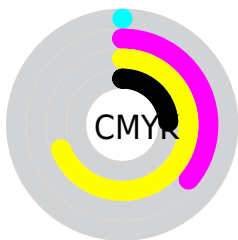
Distribution



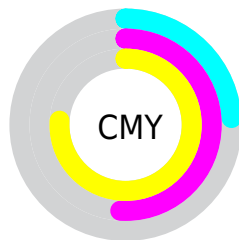
- Red (76%)
- Green (49%)
- Blue (24%)



- Red (76%)
- Yellow (73%)
- Blue (24%)



- Cyan (0%)
- Magenta (36%)
- Yellow (69%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.5200, -38.7104, 49.5330 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 138.5200, -38.7104, 49.5330 by changing the saturation by 10% instead.


 138.5200,
-38.7104, 49.5330


 138.5200,
-38.7104, 49.5330


255.0000, 0.0000,
0.0000


 112.3240,
-38.1207, 47.0739


 193.2710,
-41.0526, 54.1363


 86.4870, -38.6941,
44.2999


 212.0840,
-37.5094, 37.6373

 62.8160, -30.9683,
39.6264


 232.1850,
-34.1082, 20.0088

 41.8290, -20.6217,
34.3530

 247.7040,
-27.9551, 6.3986

 21.4290, -10.5645,
28.5648

 250.8960,
-15.7247, 3.5992

 8.7850, -3.8380,
17.7286

 254.2020, -3.0576,

 0.0000, 0.0000,

0.6998

0.0000

■ 138.5200,
-38.7104, 49.5330

■ 138.5200,
-38.7104, 49.5330

■ 130.4840,
-44.1156, 56.5805

■ 146.6700,
-32.8683, 42.3854

■ 122.3340,
-49.9577, 63.7281

■ 154.7060,
-27.4631, 35.3378

■ 114.2980,
-55.3629, 70.7757

■ 162.8560,
-21.6210, 28.1903

■ 113.4830,
-55.9471, 71.4904

■ 170.8920,
-16.2158, 21.1427

■ 179.6290,
-10.6631, 13.4804

■ 187.6650, -5.2578,
6.4328

■ 195.8150, 0.5842,
-0.7148

■ 203.8510, 5.9895,
-7.7623

■ 212.0010, 11.8315,
-14.9099

Harmonies

Analogous

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



139.7670, -23.0561, 68.6103



138.5200, -38.7104, 49.5330



135.6660, -43.7123, 20.4639

Triad

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



138.5200, -38.7104, 49.5330



112.4390, 17.0386, -98.6090



144.1050, 34.4582, 7.8009

Complementary

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



138.5200, -38.7104, 49.5330



116.4800, 38.7104, -49.5330

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.



130.0800, 48.7676, -55.3212



138.5200, -38.7104, 49.5330



116.1670, 36.3997, -101.8785

Square

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



138.5200, -38.7104, 49.5330



118.7040, -8.2351, -65.5154



116.0650, 51.2400, -101.7890



144.4880, 17.0144, 49.5610

Rectangle

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



138.5200, -38.7104, 49.5330



132.4180, -37.6741, -2.9976



116.0650, 51.2400, -101.7890



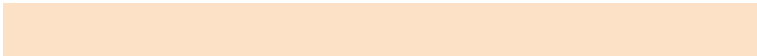
141.5480, 39.1698, -10.1276

Sweetspot

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



138.5200, -38.7104, 49.5330



230.1090, -15.3367, 19.1984



108.5730, 11.5495, 75.7965



114.3730, -9.0579, 11.9509



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.



138.5200, -38.7104, 49.5330



164.7780, -60.0366, 76.4937



177.2620, -57.8102, 15.5562



92.9250, -2.9210, 3.5738



93.3380, -46.0156, 59.3396



19.2590, -9.4947, 12.0509

Inverse Universe

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



116.4800, 38.7104, -49.5330



130.8090, 59.7472, -77.0085



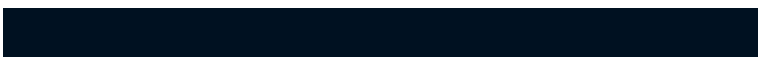
78.3250, 57.5208, -16.0710



91.0750, 2.9210, -3.5738



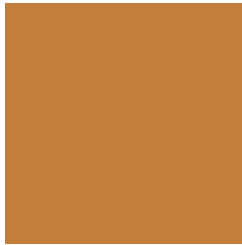
67.0750, 46.3050, -58.8248



13.7410, 9.4947, -12.0509

Previews

White Background



This preview shows how the YUV color 138.5200, -38.7104, 49.5330 looks on a white background.

Color Contrast Check

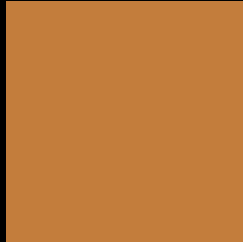
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.5200, -38.7104, 49.5330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

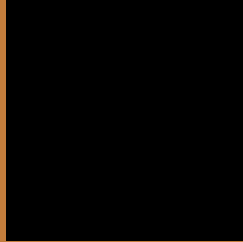
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.5200, -38.7104, 49.5330

Background



This preview shows how black text looks on a background with the YUV color 138.5200, -38.7104, 49.5330.



This preview shows how white text looks on a background with the YUV color 138.5200, -38.7104,

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

138.5200, -38.7104, 49.5330

Protanopia

137.7070, -35.8446, 16.9200

Deuteranopia

137.7800, -39.8245, 33.5189



Tritanopia

143.1310, -8.4456, 48.9971

Trichromacy



Original Color

138.5200, -38.7104, 49.5330

Protanomaly

138.1430, -37.0455, 28.8156

Deuteranomaly

138.2260, -39.5514, 39.2668

Tritanomaly

141.8570, -19.6495, 49.2374

Monochromacy



Original Color

138.5200, -38.7104, 49.5330

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.7390, -14.1683, 17.7689

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5200, -38.7104, 49.5330 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(195, 125, 60)` looks like.

```
.text, #text, p{  
    color:rgb(195, 125, 60)  
}
```

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(195, 125, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 125, 60) }
```

Border

The CSS property to change the border of an element to YUV 138.5200, -38.7104, 49.5330 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(195, 125, 60) }
```


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

```
.border{ border-color:rgb(195, 125, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 125, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 125, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 125, 60);  
box-shadow:4px 4px 4px 4px rgb(195, 125,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 138.5200, -38.7104, 49.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 125, 60) }
```

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

```
.background{ background-color: rgb(195,  
125, 60) }
```

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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