

Converting Colors

YUV(135.5530, -38.7266,
54.7660)

Have a look what the booklet for
YUV(135.5530, -38.7266, 54.7660)
contains.

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Color

**YUV(135.5530, -38.7266,
54.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	C67739
RGB	198, 119, 57
RGB Percent	78%, 47%, 22%
CMY	0.2235, 0.5333, 0.7765
CMYK	0.00, 0.40, 0.71, 0.22
HSL	26°, 55%, 50%
HSV	26°, 71%, 78%
XYZ	30.6240, 25.4948, 7.1778
YIQ	135.5530, 66.9860, -2.5340

Conversions

Conversions Part 2

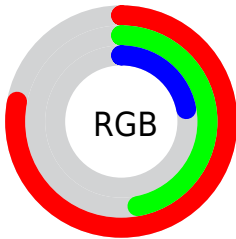
Format	Color
R_{YB}	198, 168, 57
Decimal	13006649
CIE Lab	57.55, 25.73, 46.02
CIE LCh	58, 52.730, 60.791
Yxy	25.4948, 0.4838, 0.4028
Android (android.graphics.Color)	4291196729 (0xFFC67739)
YUV	135.5530, -38.7266, 54.7660
Hunter-Lab	50.4924, 19.9000, 26.9162

Details

The YUV color **135.5530, -38.7266, 54.7660** 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 **119.4470, 38.7266, -54.7660**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4070, -40.6267, 57.5251**, and **83.2210, -38.5630, 48.9182** is the 20% darker color. If you saturate the color by 10%, you get **126.8160, -44.2793, 62.4284**, and if you desaturate by 10%, it is **144.2900, -33.1740, 47.1037**.

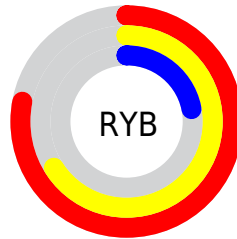
Distribution



Red (78%)

Green (47%)

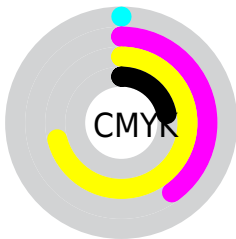
Blue (22%)



Red (78%)

Yellow (66%)

Blue (22%)

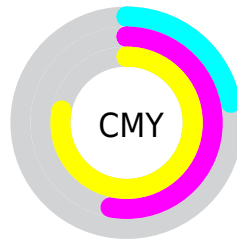


Cyan (0%)

Magenta (40%)

Yellow (71%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.5530, -38.7266, 54.7660 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 135.5530, -38.7266, 54.7660 by changing the saturation by 10% instead.

■ 135.5530,
-38.7266, 54.7660

■ 135.5530,
-38.7266, 54.7660

■ 255.0000, 0.0000,
0.0000

■ 109.0580,
-37.9896, 51.6921

■ 189.4070,
-40.6267, 57.5251

■ 83.2210, -38.5630,
48.9182

■ 208.2200,
-37.0835, 41.0261

■ 60.1910, -29.6742,
44.5595

■ 227.7340,
-33.3929, 23.9123

■ 38.6060, -19.0328,
38.0565

■ 247.2480,
-29.7023, 6.7985

■ 17.6190, -8.6862,
32.7831

■ 250.4400,
-17.4719, 3.9991

■ 8.7850, -3.8380,
17.7286

■ 253.7460, -4.8048,

■ 0.0000, 0.0000,

1.0998

0.0000

■ 135.5530,
-38.7266, 54.7660

■ 135.5530,
-38.7266, 54.7660

■ 126.8160,
-44.2793, 62.4284

■ 144.2900,
-33.1740, 47.1037

■ 118.0790,
-49.8319, 70.0907

■ 153.0270,
-27.6213, 39.4413

■ 110.2710,
-54.3636, 76.9383

■ 161.6500,
-22.5054, 31.8790

■ 170.3870,
-16.9528, 24.2166

■ 179.1240,
-11.4001, 16.5543

■ 188.4480, -6.1369,
8.3771

■ 197.1850, -0.5842,
0.7148

■ 205.8080, 4.5317,
-6.8476

■ 214.5450, 10.0843,
-14.5100

Harmonies

Analogous

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



136.3700, -20.8884, 73.3435



135.5530, -38.7266, 54.7660



132.7160, -46.2020, 25.6821

Triad

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



135.5530, -38.7266, 54.7660



109.6520, 13.9756, -96.1648



140.9730, 37.9743, 0.0237

Complementary

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



135.5530, -38.7266, 54.7660



119.4470, 38.7266, -54.7660

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.



115.5430, 56.4273, -85.5452



135.5530, -38.7266, 54.7660



114.8960, 34.0683, -100.7638

Square

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



135.5530, -38.7266, 54.7660



116.5860, -12.6139, -61.0269



115.2500, 50.6557, -101.0743



142.0900, 20.6616, 46.4021

Rectangle

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



135.5530, -38.7266, 54.7660



129.7130, -41.7635, 2.0057



115.2500, 50.6557, -101.0743



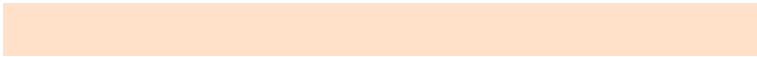
137.5190, 43.1281, -19.7492

Sweetspot

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



135.5530, -38.7266, 54.7660



231.2340, -14.9054, 20.8428



108.2790, 14.1595, 78.6853



113.7860, -8.7685, 12.4657



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.



135.5530, -38.7266, 54.7660



159.2350, -59.7689, 83.9859



176.6430, -58.9840, 18.7301



95.0390, -2.4842, 3.4738



91.0010, -44.8635, 63.1431



20.1560, -9.9369, 13.8952

Inverse Universe

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



119.4470, 38.7266, -54.7660



134.3520, 59.4795, -84.5007



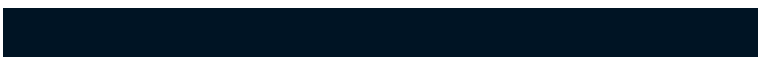
78.3570, 58.9840, -18.7301



93.9610, 2.4842, -3.4738



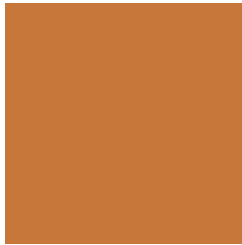
71.9990, 44.8635, -63.1431



15.8440, 9.9369, -13.8952

Previews

White Background



This preview shows how the YUV color 135.5530, -38.7266, 54.7660 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 135.5530, -38.7266, 54.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

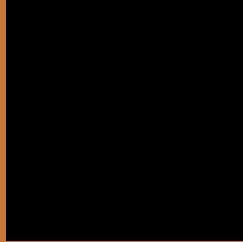
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.5530, -38.7266, 54.7660

Background



This preview shows how black text looks on a background with the YUV color 135.5530, -38.7266, 54.7660.



This preview shows how white text looks on a background with the YUV color 135.5530, -38.7266, 54.7660.

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

135.5530, -38.7266, 54.7660

Protanopia

134.8210, -35.4078, 16.8200

Deuteranopia

135.3670, -40.1139, 33.0041



Tritanopia

139.8220, -9.7722, 54.5301

Trichromacy



Original Color

135.5530, -38.7266, 54.7660

Protanomaly

135.2680, -36.6141, 30.4600

Deuteranomaly

135.2370, -39.5568, 41.0112

Tritanomaly

138.6620, -20.5394, 54.6704

Monochromacy



Original Color

135.5530, -38.7266, 54.7660

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0490, -14.3212, 20.1280

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.5530, -38.7266, 54.7660 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(198, 119, 57)` looks like.

```
.text, #text, p{  
    color:rgb(198, 119, 57)  
}
```

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(198, 119, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 119, 57) }
```

Border

The CSS property to change the border of an element to YUV 135.5530, -38.7266, 54.7660 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(198, 119, 57) }
```


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

```
.border{ border-color:rgb(198, 119, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 119, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 119, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 119, 57);  
box-shadow:4px 4px 4px 4px rgb(198, 119,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 135.5530, -38.7266, 54.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 119, 57) }
```

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

```
.background{ background-color: rgb(198,  
119, 57) }
```

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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