

Converting Colors

YUV(135.1570, -38.0384,
67.3913)

Have a look what the booklet for
YUV(135.1570, -38.0384, 67.3913)
contains.

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Color

**YUV(135.1570, -38.0384,
67.3913)**

Conversions

Conversions Part 1

Format	Color
Hex	D46F3A
RGB	212, 111, 58
RGB Percent	83%, 44%, 23%
CMY	0.1686, 0.5647, 0.7725
CMYK	0.00, 0.48, 0.73, 0.17
HSL	21°, 64%, 53%
HSV	21°, 73%, 83%
XYZ	33.5995, 25.6714, 7.1872
YIQ	135.1570, 77.2090, 4.9290

Conversions

Conversions Part 2

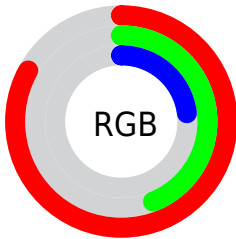
Format	Color
R _Y B	212, 139, 58
Decimal	13922106
CIE Lab	57.72, 35.76, 46.28
CIE LCh	58, 58.489, 52.307
Yxy	25.6714, 0.5056, 0.3863
Android (android.graphics.Color)	4292112186 (0xFFD46F3A)
YUV	135.1570, -38.0384, 67.3913
Hunter-Lab	50.6670, 29.7042, 27.0565

Details

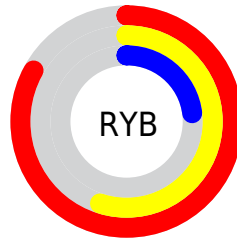
The YUV color **135.1570, -38.0384, 67.3913** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **134.8430, 38.0384, -67.3913**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8250, -37.8747, 61.5435**, and **81.7540, -36.8537, 60.7287** is the 20% darker color. If you saturate the color by 10%, you get **124.5450, -43.1597, 76.6980**, and if you desaturate by 10%, it is **145.7690, -32.9171, 58.0846**.

Distribution



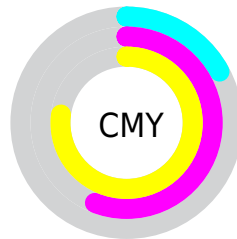
- Red (83%)
- Green (44%)
- Blue (23%)



- Red (83%)
- Yellow (55%)
- Blue (23%)



- Cyan (0%)
- Magenta (48%)
- Yellow (73%)
- Black (17%)




- Cyan (17%)
- Magenta (56%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.1570, -38.0384, 67.3913 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 135.1570, -38.0384, 67.3913 by changing the saturation by 10% instead.


 135.1570,
-38.0384, 67.3913

 135.1570,
-38.0384, 67.3913


255.0000, 0.0000,
0.0000


 108.4770,
-36.7172, 63.6027


 184.8250,
-37.8747, 61.5435

 81.7540, -36.8537,
60.7287


 204.2250,
-34.6209, 44.5297


 57.6100, -28.4017,
56.4700


 223.6250,
-31.3671, 27.5159

 32.5030, -16.0240,
53.0559

 243.8400,
-27.5291, 9.7873

 19.1360, -9.4340,
39.3457

 250.5540,
-17.0351, 3.8991

 11.7750, -5.3121,
23.8763

 253.7460, -4.8048,

 0.0000, 0.0000,

1.0998

0.0000

■ 135.1570,
-38.0384, 67.3913

■ 135.1570,
-38.0384, 67.3913

■ 124.5450,
-43.1597, 76.6980

■ 145.7690,
-32.9171, 58.0846

■ 113.9330,
-48.2810, 86.0048

■ 156.3810,
-27.7958, 48.7779

■ 106.2390,
-52.3758, 92.7524

■ 167.1070,
-22.2378, 39.3712

■ 177.7190,
-17.1165, 30.0644

■ 188.3310,
-11.9952, 20.7577

■ 198.3560, -6.5845,
11.9658

■ 208.9680, -1.4632,
2.6591

■ 219.6940, 4.0949,
-6.7476

■ 230.3060, 9.2161,
-16.0544

Harmonies

Analogous

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



135.1030, -15.8268, 83.2247



135.1570, -38.0384, 67.3913



132.9580, -53.2233, 37.7478

Triad

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



135.1570, -38.0384, 67.3913



109.1160, 6.8448, -95.6947



137.6590, 47.4961, -20.7489

Complementary

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



135.1570, -38.0384, 67.3913



134.8430, 38.0384, -67.3913

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.



114.2360, 62.0017, -100.1850



135.1570, -38.0384, 67.3913



115.7450, 29.7057, -101.5084

Square

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



135.1570, -38.0384, 67.3913



118.7200, -22.5400, -50.6204



118.2990, 49.6456, -103.7482



142.6360, 29.2665, 39.7842

Rectangle

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



135.1570, -38.0384, 67.3913



130.0320, -52.2738, 13.1269



118.2990, 49.6456, -103.7482



129.7910, 53.8400, -48.9287

Sweetspot

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



135.1570, -38.0384, 67.3913



226.8970, -13.7532, 24.6463



115.7880, 22.2895, 84.3779



111.2100, -8.4845, 14.7248



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.



135.1570, -38.0384, 67.3913



144.5770, -55.0075, 96.8410



179.1820, -59.7427, 28.7814



101.6370, -2.7790, 4.7034



85.7620, -42.2807, 74.7537



21.6620, -10.6794, 18.7134

Inverse Universe

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



134.8430, 38.0384, -67.3913



144.0100, 54.7181, -97.3558



90.8180, 59.7427, -28.7814



101.3630, 2.7790, -4.7034



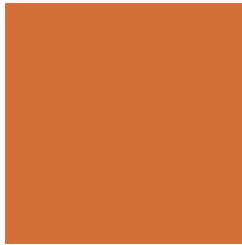
85.2380, 42.2807, -74.7537



21.3380, 10.6794, -18.7134

Previews

White Background



This preview shows how the YUV color 135.1570, -38.0384, 67.3913 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 135.1570, -38.0384, 67.3913 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 135.1570, -38.0384, 67.3913

Background



This preview shows how black text looks on a background with the YUV color 135.1570, -38.0384, 67.3913.



This preview shows how white text looks on a background with the YUV color 135.1570, -38.0384,

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

135.1570, -38.0384, 67.3913

Protanopia

135.2770, -33.6606, 16.4201

Deuteranopia

135.1390, -40.9875, 33.2041



Tritanopia

138.6880, -13.1572, 66.9256

Trichromacy



Original Color

135.1570, -38.0384, 67.3913

Protanomaly

135.3440, -35.1726, 34.7783

Deuteranomaly

134.8570, -39.8625, 45.7294

Tritanomaly

137.2830, -22.3245, 67.2808

Monochromacy



Original Color

135.1570, -38.0384, 67.3913

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.8970, -13.7532, 24.6463

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.1570, -38.0384, 67.3913 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(212, 111, 58)` looks like.

```
.text, #text, p{  
    color:rgb(212, 111, 58)  
}
```

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(212, 111, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 111, 58) }
```

Border

The CSS property to change the border of an element to YUV 135.1570, -38.0384, 67.3913 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(212, 111, 58) }
```


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

```
.border{ border-color:rgb(212, 111, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 111, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 111, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 111, 58);  
box-shadow:4px 4px 4px 4px rgb(212, 111,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 135.1570, -38.0384, 67.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 111, 58) }
```

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

```
.background{ background-color: rgb(212,  
111, 58) }
```

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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