

Converting Colors

YUV(133.5080, -47.0854,
75.8535)

Have a look what the booklet for
YUV(133.5080, -47.0854, 75.8535)
contains.

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Color

**YUV(133.5080, -47.0854,
75.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6C26
RGB	220, 108, 38
RGB Percent	86%, 42%, 15%
CMY	0.1373, 0.5765, 0.8510
CMYK	0.00, 0.51, 0.83, 0.14
HSL	23°, 72%, 51%
HSV	23°, 83%, 86%
XYZ	35.2276, 26.0807, 5.0111
YIQ	133.5080, 89.2220, 1.9740

Conversions

Conversions Part 2

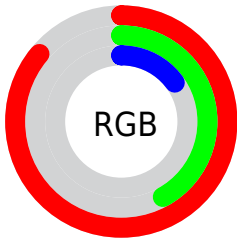
Format	Color
R_{YB}	220, 152, 38
Decimal	14445606
CIE _{Lab}	58.11, 39.70, 56.11
CIE _{LCh}	58, 68.735, 54.717
Yxy	26.0807, 0.5312, 0.3933
Android (android.graphics.Color)	4292635686 (0xFFDC6C26)
YUV	133.5080, -47.0854, 75.8535
Hunter-Lab	51.0693, 33.7582, 29.9307

Details

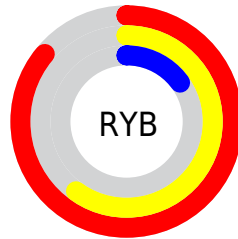
The YUV color **133.5080, -47.0854, 75.8535** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **124.4920, 47.0854, -75.8535**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8980, -45.3057, 64.9875**, and **80.7010, -39.7856, 67.7912** is the 20% darker color. If you saturate the color by 10%, you get **122.7820, -52.6435, 85.2602**, and if you desaturate by 10%, it is **144.2340, -41.5274, 66.4468**.

Distribution



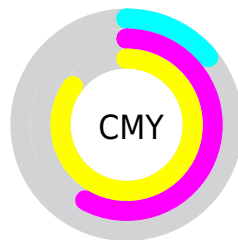
- Red (86%)
- Green (42%)
- Blue (15%)



- Red (86%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (83%)
- Black (14%)





- Cyan (14%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.5080, -47.0854, 75.8535 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 133.5080, -47.0854, 75.8535 by changing the saturation by 10% instead.


 133.5080,
-47.0854, 75.8535


 133.5080,
-47.0854, 75.8535


255.0000, 0.0000,
0.0000


 105.4430,
-48.5324, 73.2795


 180.8980,
-45.3057, 64.9875


 80.7010, -39.7856,
67.7912


 200.2980,
-42.0519, 47.9737

 56.4690, -27.8392,
62.7327


 219.8120,
-38.3613, 30.8599

 29.3020, -14.4459,
60.2481

 239.9130,
-34.9601, 13.2313

 20.6310, -10.1711,
42.4196

 248.3880,
-25.3343, 5.7987

 13.2700, -6.0491,
26.9502

 251.5800,

 0.0000, 0.0000,

-13.1039, 2.9993

0.0000

254.8860, -0.4368,
0.1000

■ 133.5080,
-47.0854, 75.8535

■ 133.5080,
-47.0854, 75.8535

■ 122.7820,
-52.6435, 85.2602

■ 144.2340,
-41.5274, 66.4468

■ 115.6750,
-57.0278, 91.4930

■ 154.3730,
-35.6799, 57.5549

■ 165.0990,
-30.1218, 48.1482

■ 175.2380,
-24.2743, 39.2563

■ 185.9640,
-18.7163, 29.8496

■ 196.1030,
-12.8688, 20.9577

■ 206.8290, -7.3107,
11.5510

■ 216.9680, -1.4632,
2.6591

■ 227.6940, 4.0949,
-6.7476

Harmonies

Analogous

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



131.6920, -19.0752, 98.4941



133.5080, -47.0854, 75.8535



130.9940, -64.5800, 40.3473

Triad

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



133.5080, -47.0854, 75.8535



111.9200, 7.4344, -98.1538



138.0210, 55.2056, -20.1894

Complementary

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



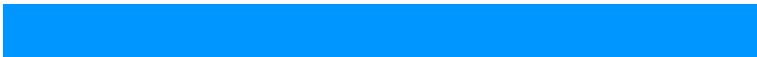
133.5080, -47.0854, 75.8535



124.4920, 47.0854, -75.8535

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.



117.1200, 67.9748, -102.7142



133.5080, -47.0854, 75.8535



119.4610, 33.7897, -104.7673

Square

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



133.5080, -47.0854, 75.8535



104.6080, -19.5267, -83.8482



122.1120, 56.6398, -107.0922



142.1520, 33.4491, 51.6097

Rectangle

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



133.5080, -47.0854, 75.8535



127.5620, -62.8881, 10.9081



122.1120, 56.6398, -107.0922



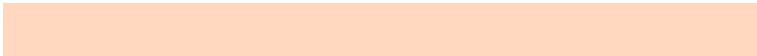
127.1300, 63.0399, -59.7500

Sweetspot

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



133.5080, -47.0854, 75.8535



224.8110, -16.6688, 26.4758



105.1860, 22.0933, 100.6919



109.4660, -10.0897, 16.2543



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.



133.5080, -47.0854, 75.8535



135.2870, -65.2175, 104.9883



186.9250, -73.4200, 29.0068



104.6370, -2.7790, 4.7034



91.0560, -44.8906, 71.8649



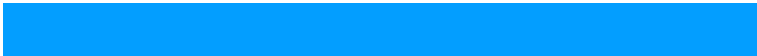
24.3200, -11.9898, 19.0134

Inverse Universe

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



124.4920, 47.0854, -75.8535



122.7130, 65.2175, -104.9883



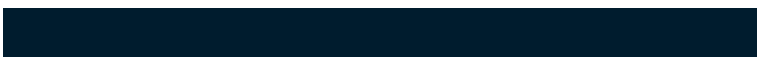
71.0750, 73.4200, -29.0068



103.7760, 3.0684, -4.1886



82.5310, 44.6012, -72.3797



21.6800, 11.9898, -19.0134

Previews

White Background



This preview shows how the YUV color 133.5080, -47.0854, 75.8535 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 133.5080, -47.0854, 75.8535 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 133.5080, -47.0854, 75.8535

Background



This preview shows how black text looks on a background with the YUV color 133.5080, -47.0854, 75.8535.



This preview shows how white text looks on a background with the YUV color 133.5080, -47.0854,

75.8535.

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

133.5080, -47.0854, 75.8535

Protanopia

134.3670, -43.5649, 19.8491

Deuteranopia

134.0720, -52.7865, 37.6479



Tritanopia

138.2760, -14.9261, 74.3029

Trichromacy



Original Color

133.5080, -47.0854, 75.8535

Protanomaly

133.8580, -44.7930, 40.4665

Deuteranomaly

134.0290, -50.7933, 51.7176

Tritanomaly

136.8880, -26.5668, 74.6432

Monochromacy



Original Color

133.5080, -47.0854, 75.8535

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9960, -17.2530, 27.1905

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5080, -47.0854, 75.8535 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(220, 108, 38)` looks like.

```
.text, #text, p{  
    color:rgb(220, 108, 38)  
}
```

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(220, 108, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 108, 38) }
```

Border

The CSS property to change the border of an element to YUV 133.5080, -47.0854, 75.8535 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(220, 108, 38) }
```


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

```
.border{ border-color:rgb(220, 108, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 108, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 108, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 108, 38);  
box-shadow:4px 4px 4px 4px rgb(220, 108,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 133.5080, -47.0854, 75.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 108, 38) }
```

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

```
.background{ background-color: rgb(220,  
108, 38) }
```

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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