

Converting Colors

YUV(133.1460, -54.7950,
75.2940)

Have a look what the booklet for
YUV(133.1460, -54.7950, 75.2940)
contains.

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Color

**YUV(133.1460, -54.7950,
75.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6F16
RGB	219, 111, 22
RGB Percent	86%, 44%, 9%
CMY	0.1412, 0.5647, 0.9137
CMYK	0.00, 0.49, 0.90, 0.14
HSL	27°, 82%, 47%
HSV	27°, 90%, 86%
XYZ	35.0427, 26.4869, 4.0246
YIQ	133.1460, 92.9370, -4.7830

Conversions

Conversions Part 2

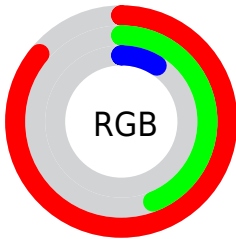
Format	Color
RYB	219, 184, 22
Decimal	14380822
CIELab	58.50, 37.42, 61.82
CIElCh	58, 72.265, 58.811
Yxy	26.4869, 0.5346, 0.4040
Android (android.graphics.Color)	4292570902 (0xFFDB6F16)
YUV	133.1460, -54.7950, 75.2940
Hunter-Lab	51.4654, 31.4758, 31.3893

Details

The YUV color **133.1460, -54.7950, 75.2940** 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 **107.8540, 54.7950, -75.2940**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4050, -50.9787, 64.5428**, and **82.1630, -40.5064, 65.6320** is the 20% darker color. If you saturate the color by 10%, you get **123.5940, -60.9318, 83.6711**, and if you desaturate by 10%, it is **142.6980, -48.6581, 66.9169**.

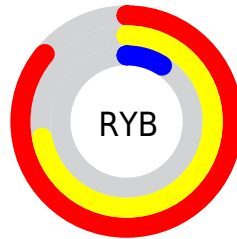
Distribution



Red (86%)

Green (44%)

Blue (9%)



Red (86%)

Yellow (72%)

Blue (9%)

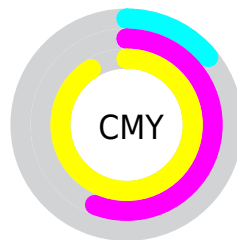


Cyan (0%)

Magenta (49%)

Yellow (90%)

Black (14%)



Cyan (14%)

Magenta (56%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1460, -54.7950, 75.2940 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 133.1460, -54.7950, 75.2940 by changing the saturation by 10% instead.

133.1460,
-54.7950, 75.2940

133.1460,
-54.7950, 75.2940

255.0000, 0.0000,
0.0000

106.1070,
-52.3108, 71.8202

181.4050,
-50.9787, 64.5428

82.1630, -40.5064,
65.6320

200.8050,
-47.7249, 47.5290

58.2190, -28.7020,
59.4439

220.3190,
-44.0343, 30.4152

32.5250, -16.0348,
56.5446

240.4200,
-40.6331, 12.7867

20.3320, -10.0237,
41.8048

247.1340,
-30.1391, 6.8985

12.9710, -5.9017,
26.3354

250.3260,

0.0000, 0.0000,

-17.9087, 4.0991

0.0000

253.6320, -5.2416,
1.1997

133.1460,
-54.7950, 75.2940

133.1460,
-54.7950, 75.2940

123.5940,
-60.9318, 83.6711

142.6980,
-48.6581, 66.9169

152.2500,
-42.5213, 58.5397

161.8020,
-36.3844, 50.1626

171.3540,
-30.2475, 41.7855

180.9060,
-24.1107, 33.4084

■ 190.3440,
-18.4106, 25.1313

■ 199.8960,
-12.2737, 16.7542

■ 209.4480, -6.1369,
8.3771

■ 219.0000, 0.0000,
0.0000

Harmonies

Analogous

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



131.2750, -23.3066, 102.3678



133.1460, -54.7950, 75.2940



131.5480, -64.8532, 34.5994

Triad

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



133.1460, -54.7950, 75.2940



114.7070, 10.4974, -100.5980



141.3860, 55.0257, -9.1085

Complementary

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



133.1460, -54.7950, 75.2940



107.8540, 54.7950, -75.2940

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.



116.5330, 68.2642, -102.1994



133.1460, -54.7950, 75.2940



122.0030, 38.4525, -106.9966

Square

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



133.1460, -54.7950, 75.2940



104.2480, -16.8843, -91.4255



124.0670, 61.5920, -108.8068



141.8760, 32.1061, 62.3757

Rectangle

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



133.1460, -54.7950, 75.2940



127.5180, -62.8664, 3.9307



124.0670, 61.5920, -108.8068



131.9470, 60.6651, -44.6805

Sweetspot

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



133.1460, -54.7950, 75.2940



224.8280, -19.1422, 26.4608



93.2150, 18.1350, 110.3134



109.8250, -11.2527, 15.9395



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.



133.1460, -54.7950, 75.2940



143.7500, -70.8688, 97.5662



190.6720, -83.1553, 24.8437



105.2240, -3.0684, 4.1886



97.5130, -48.0739, 66.2021



26.0810, -12.8579, 17.4690

Inverse Universe

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



107.8540, 54.7950, -75.2940



111.2500, 70.8688, -97.5662



50.3280, 83.1553, -24.8437



103.7760, 3.0684, -4.1886



75.4870, 48.0739, -66.2021



19.9190, 12.8579, -17.4690

Previews

White Background



This preview shows how the YUV color 133.1460, -54.7950, 75.2940 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 133.1460, -54.7950, 75.2940 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 133.1460, -54.7950, 75.2940 Background



This preview shows how black text looks on a background with the YUV color 133.1460, -54.7950, 75.2940.



This preview shows how white text looks on a background with the YUV color 133.1460, -54.7950,

75.2940.

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

133.1460, -54.7950, 75.2940

Protanopia

134.3150, -51.4273, 21.6487

Deuteranopia

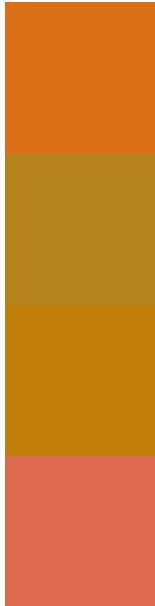
131.8800, -65.0168, 40.4472



Tritanopia

139.4930, -14.0470, 72.3586

Trichromacy



Original Color

133.1460, -54.7950, 75.2940

Protanomaly

134.0940, -52.7973, 41.1366

Deuteranomaly

132.5810, -61.4184, 52.9875

Tritanomaly

137.3070, -28.7454, 73.3988

Monochromacy



Original Color

133.1460, -54.7950, 75.2940

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0130, -19.7264, 27.1756

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1460, -54.7950, 75.2940 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(219, 111, 22)` looks like.

```
.text, #text, p{  
    color:rgb(219, 111, 22)  
}
```

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(219, 111, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 111, 22) }
```

Border

The CSS property to change the border of an element to YUV 133.1460, -54.7950, 75.2940 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(219, 111, 22) }
```


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

```
.border{ border-color:rgb(219, 111, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 111, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 111, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 111, 22);  
box-shadow:4px 4px 4px 4px rgb(219, 111,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 133.1460, -54.7950, 75.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 111, 22) }
```

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

```
.background{ background-color: rgb(219,  
111, 22) }
```

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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