

Converting Colors

YUV(133.3540, -26.7965,
54.9405)

Have a look what the booklet for
YUV(133.3540, -26.7965, 54.9405)
contains.

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Color

**YUV(133.3540, -26.7965,
54.9405)**

Conversions

Conversions Part 1

Format	Color
Hex	C4704F
RGB	196, 112, 79
RGB Percent	77%, 44%, 31%
CMY	0.2314, 0.5608, 0.6902
CMYK	0.00, 0.43, 0.60, 0.23
HSL	17°, 50%, 54%
HSV	17°, 60%, 77%
XYZ	29.9704, 23.8886, 10.4285
YIQ	133.3540, 60.6570, 7.5450

Conversions

Conversions Part 2

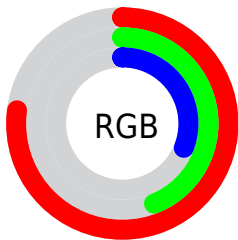
Format	Color
RYB	196, 125, 79
Decimal	12873807
CIELab	55.98, 30.08, 32.59
CIELCh	56, 44.349, 47.295
Yxy	23.8886, 0.4662, 0.3716
Android (android.graphics.Color)	4291063887 (0xFFC4704F)
YUV	133.3540, -26.7965, 54.9405
Hunter-Lab	48.8760, 23.9220, 21.5627

Details

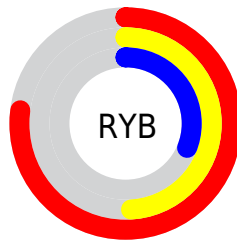
The YUV color **133.3540, -26.7965, 54.9405** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **141.6460, 26.7965, -54.9405**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8060, -28.9914, 58.9291**, and **81.4180, -23.8701, 49.6224** is the 20% darker color. If you saturate the color by 10%, you get **122.8560, -31.4810, 64.1473**, and if you desaturate by 10%, it is **143.8520, -22.1120, 45.7338**.

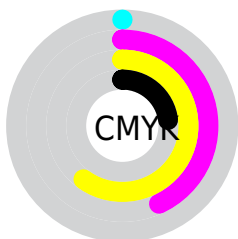
Distribution



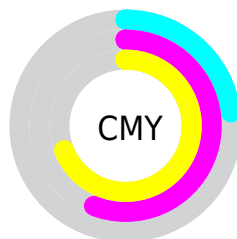
- Red (77%)
- Green (44%)
- Blue (31%)



- Red (77%)
- Yellow (49%)
- Blue (31%)



- Cyan (0%)
- Magenta (43%)
- Yellow (60%)
- Black (23%)



- Cyan (23%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3540, -26.7965, 54.9405 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 133.3540, -26.7965, 54.9405 by changing the saturation by 10% instead.

■ 133.3540,
-26.7965, 54.9405

■ 133.3540,
-26.7965, 54.9405

■ 255.0000, 0.0000,
0.0000

■ 107.3860,
-25.3333, 52.2815

■ 187.8060,
-28.9914, 58.9291

■ 81.4180, -23.8701,
49.6224

■ 206.6190,
-25.4482, 42.4301

■ 56.7380, -22.5488,
45.8338

■ 226.1330,
-21.7576, 25.3164

■ 32.7360, -16.1388,
43.2045

■ 246.3480,
-17.9196, 7.5878

■ 16.4450, -8.1074,
33.8127

■ 253.0620, -7.4256,
1.6996

■ 7.8880, -3.3958,
15.8842

■ 0.0000, 0.0000,

0.0000

■ 133.3540,
-26.7965, 54.9405

■ 133.3540,
-26.7965, 54.9405

■ 122.8560,
-31.4810, 64.1473

■ 143.8520,
-22.1120, 45.7338

■ 112.4720,
-35.7287, 73.2541

■ 154.2360,
-17.8643, 36.6270

■ 101.9740,
-40.4132, 82.4608

■ 164.7340,
-13.1799, 27.4203

■ 91.5900, -44.6609,
91.5676

■ 175.1180, -8.9322,
18.3135

■ 90.8890, -44.8083,
92.1823

■ 185.6160, -4.2477,
9.1068

■ 196.1140, 0.4368,
-0.1000

■ 207.0850, 4.3951,
-9.7215

■ 217.5830, 9.0796,
-18.9283

■ 227.9670, 13.3273,
-28.0351

Harmonies

Analogous

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



134.3500, -10.5255, 62.8371



133.3540, -26.7965, 54.9405



131.2900, -36.6250, 33.9487

Triad

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



133.3540, -26.7965, 54.9405



103.3340, 6.2443, -89.7469



132.6130, 37.1658, -20.7086

Complementary

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



133.3540, -26.7965, 54.9405



141.6460, 26.7965, -54.9405

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.



107.7670, 49.9079, -94.5117



133.3540, -26.7965, 54.9405



108.1820, 23.5743, -94.8756

Square

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



133.3540, -26.7965, 54.9405



123.2050, -21.3001, -28.2438



110.2970, 39.2936, -96.7305



138.1580, 24.0791, 23.5404

Rectangle

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



133.3540, -26.7965, 54.9405



129.6530, -37.2969, 16.0903



110.2970, 39.2936, -96.7305



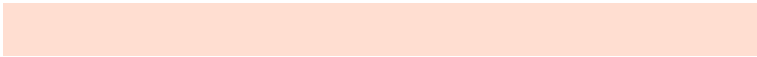
128.0020, 40.4250, -39.4668

Sweetspot

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



133.3540, -26.7965, 54.9405



230.3850, -10.5428, 21.5874



123.7870, 20.3180, 63.3308



112.3670, -6.5899, 13.7101



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.



133.3540, -26.7965, 54.9405



156.5400, -42.1712, 86.3494



166.8130, -43.2918, 25.5970



91.7510, -2.3422, 4.6034



74.5540, -36.7551, 75.8131



15.1500, -7.4689, 15.6545

Inverse Universe

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



141.6460, 26.7965, -54.9405



169.4600, 42.1712, -86.3494



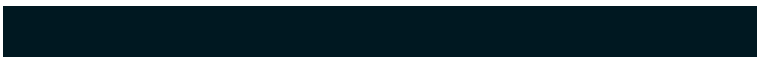
108.1870, 43.2918, -25.5970



92.2490, 2.3422, -4.6034



85.8590, 37.0445, -75.2983



17.8500, 7.4690, -15.6544

Previews

White Background



This preview shows how the YUV color 133.3540, -26.7965, 54.9405 looks on a white background.

Color Contrast Check

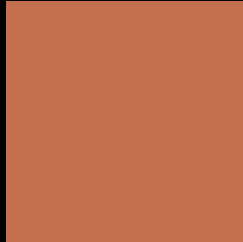
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.3540, -26.7965, 54.9405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

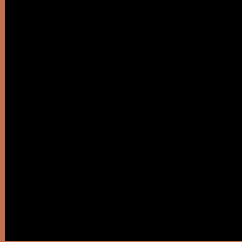
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.3540, -26.7965, 54.9405

Background



This preview shows how black text looks on a background with the YUV color 133.3540, -26.7965, 54.9405.



This preview shows how white text looks on a background with the YUV color 133.3540, -26.7965,

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

133.3540, -26.7965, 54.9405

Protanopia

132.9310, -22.1510, 11.4615

Deuteranopia

132.8360, -28.0201, 27.3308



Tritanopia

135.1210, -9.9197, 55.1449

Trichromacy



Original Color

133.3540, -26.7965, 54.9405

Protanomaly

133.2750, -23.7996, 26.9458

Deuteranomaly

133.0160, -27.6159, 37.6970

Tritanomaly

134.5140, -16.0294, 54.8002

Monochromacy



Original Color

133.3540, -26.7965, 54.9405

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9010, -9.8112, 20.2578

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3540, -26.7965, 54.9405 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(196, 112, 79)` looks like.

```
.text, #text, p{  
    color:rgb(196, 112, 79)  
}
```

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(196, 112, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 112, 79) }
```

Border

The CSS property to change the border of an element to YUV 133.3540, -26.7965, 54.9405 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(196, 112, 79) }
```


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

```
.border{ border-color:rgb(196, 112, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 112, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 112, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 112, 79);  
box-shadow:4px 4px 4px 4px rgb(196, 112,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 133.3540, -26.7965, 54.9405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 112, 79) }
```

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

```
.background{ background-color: rgb(196,  
112, 79) }
```

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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