

Converting Colors

YUV(131.8990, -30.0232,
63.2326)

Have a look what the booklet for
YUV(131.8990, -30.0232, 63.2326)
contains.

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Color

**YUV(131.8990, -30.0232,
63.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6B47
RGB	204, 107, 71
RGB Percent	80%, 42%, 28%
CMY	0.2000, 0.5804, 0.7216
CMYK	0.00, 0.48, 0.65, 0.20
HSL	16°, 57%, 54%
HSV	16°, 65%, 80%
XYZ	31.2969, 23.8077, 8.9071
YIQ	131.8990, 69.3680, 9.3680

Conversions

Conversions Part 2

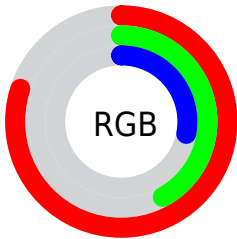
Format	Color
R_{YB}	204, 120, 71
Decimal	13396807
CIE _{Lab}	55.89, 35.38, 37.14
CIE _{LCh}	56, 51.290, 46.389
Yxy	23.8077, 0.4889, 0.3719
Android (android.graphics.Color)	4291586887 (0xFFCC6B47)
YUV	131.8990, -30.0232, 63.2326
Hunter-Lab	48.7931, 29.1054, 23.3320

Details

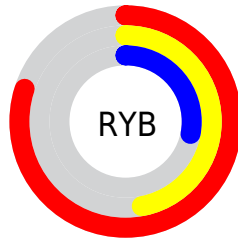
The YUV color **131.8990, -30.0232, 63.2326** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **143.1010, 30.0232, -63.2326**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8450, -31.4756, 62.4029**, and **79.6640, -26.9494, 57.2997** is the 20% darker color. If you saturate the color by 10%, you get **120.8140, -34.4183, 72.9541**, and if you desaturate by 10%, it is **142.9840, -25.6281, 53.5110**.

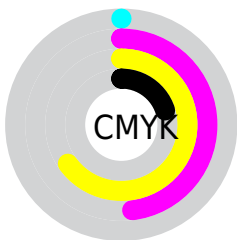
Distribution



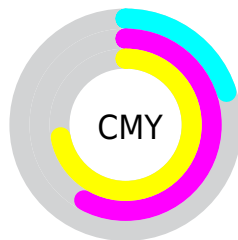
- Red (80%)
- Green (42%)
- Blue (28%)



- Red (80%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (48%)
- Yellow (65%)
- Black (20%)



- Cyan (20%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.8990, -30.0232, 63.2326 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 131.8990, -30.0232, 63.2326 by changing the saturation by 10% instead.

■ 131.8990,
-30.0232, 63.2326

■ 131.8990,
-30.0232, 63.2326

■ 255.0000, 0.0000,
0.0000

■ 105.6320,
-28.4126, 59.9587

■ 183.8450,
-31.4756, 62.4029

■ 79.6640, -26.9494,
57.2997

■ 202.6580,
-27.9324, 45.9039

■ 53.5820, -25.9229,
54.7406

■ 222.1720,
-24.2418, 28.7902

■ 27.7740, -13.6926,
51.9412

■ 242.3870,
-20.4038, 11.0616

■ 17.6410, -8.6970,
36.2718

■ 252.0360,
-11.3567, 2.5994

■ 9.3830, -4.1328,
18.9581

■ 0.0000, 0.0000,

0.0000

■ 131.8990,
-30.0232, 63.2326

■ 131.8990,
-30.0232, 63.2326

■ 120.8140,
-34.4183, 72.9541

■ 142.9840,
-25.6281, 53.5110

■ 109.6150,
-39.2502, 82.7756

■ 154.1830,
-20.7962, 43.6895

■ 98.5300, -43.6453,
92.4972

■ 165.2680,
-16.4011, 33.9680

■ 93.2810, -45.9875,
97.1006

■ 176.4670,
-11.5692, 24.1464

■ 186.9650, -6.8847,
14.9397

■ 198.0500, -2.4897,
5.2181

■ 209.2490, 2.3422,
-4.6034

■ 220.3340, 6.7373,
-14.3249

■ 231.5330, 11.5692,
-24.1464

Harmonies

Analogous

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



132.4160, -10.5581, 73.3032



131.8990, -30.0232, 63.2326



130.0150, -42.8984, 39.4518

Triad

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



131.8990, -30.0232, 63.2326



103.0520, 3.9184, -90.3766



130.6920, 44.0288, -28.6709

Complementary

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



131.8990, -30.0232, 63.2326



143.1010, 30.0232, -63.2326

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.



110.1950, 54.1339, -96.6410



131.8990, -30.0232, 63.2326



109.5840, 23.8691, -96.1052

Square

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



131.8990, -30.0232, 63.2326



120.1460, -25.2150, -32.5770



112.3830, 42.2092, -98.5599



138.3200, 28.4362, 26.0294

Rectangle

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



131.8990, -30.0232, 63.2326



128.1280, -44.4331, 18.3047



112.3830, 42.2092, -98.5599



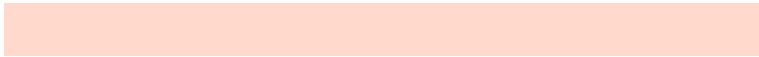
123.1940, 49.2044, -55.4211

Sweetspot

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



131.8990, -30.0232, 63.2326



227.4670, -11.5692, 24.1464



121.9390, 23.2011, 71.9675



110.9650, -6.8847, 14.9397



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.



131.8990, -30.0232, 63.2326



147.1990, -44.9611, 94.5415



170.6410, -49.1230, 29.2558



96.7510, -2.3422, 4.6034



76.0490, -37.4922, 78.8870



17.2320, -8.4954, 18.2135

Inverse Universe

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



143.1010, 30.0232, -63.2326



163.8010, 44.9611, -94.5415



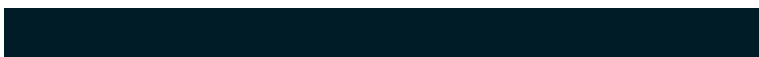
104.3590, 49.1230, -29.2558



97.2490, 2.3422, -4.6034



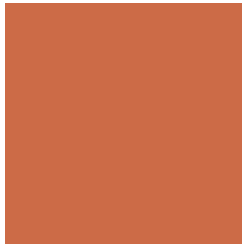
89.9510, 37.4922, -78.8870



20.7680, 8.4954, -18.2135

Previews

White Background



This preview shows how the YUV color 131.8990, -30.0232, 63.2326 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 131.8990, -30.0232, 63.2326 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 131.8990, -30.0232, 63.2326

Background



This preview shows how black text looks on a background with the YUV color 131.8990, -30.0232, 63.2326.



This preview shows how white text looks on a background with the YUV color 131.8990, -30.0232, 63.2326.

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

131.8990, -30.0232, 63.2326

Protanopia

131.8450, -25.0666, 13.2909

Deuteranopia

132.4080, -32.2461, 29.4602



Tritanopia

133.8940, -12.2727, 63.2370

Trichromacy



Original Color

131.8990, -30.0232, 63.2326

Protanomaly

131.7980, -27.0154, 31.7492

Deuteranomaly

132.0120, -31.5579, 42.0855

Tritanomaly

133.1730, -18.8193, 62.9923

Monochromacy



Original Color

131.8990, -30.0232, 63.2326

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.9830, -10.8376, 22.8169

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8990, -30.0232, 63.2326 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(204, 107, 71)` looks like.

```
.text, #text, p{  
    color:rgb(204, 107, 71)  
}
```

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(204, 107, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 107, 71) }
```

Border

The CSS property to change the border of an element to YUV 131.8990, -30.0232, 63.2326 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(204, 107, 71) }
```


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

```
.border{ border-color:rgb(204, 107, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 107, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 107, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 107, 71);  
box-shadow:4px 4px 4px 4px rgb(204, 107,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 131.8990, -30.0232, 63.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 107, 71) }
```

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

```
.background{ background-color: rgb(204,  
107, 71) }
```

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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