

Converting Colors

YUV(131.6710, -30.8968,
63.4325)

Have a look what the booklet for
YUV(131.6710, -30.8968, 63.4325)
contains.

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Color

**YUV(131.6710, -30.8968,
63.4325)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6B45
RGB	204, 107, 69
RGB Percent	80%, 42%, 27%
CMY	0.2000, 0.5804, 0.7294
CMYK	0.00, 0.48, 0.66, 0.20
HSL	17°, 57%, 54%
HSV	17°, 66%, 80%
XYZ	31.2337, 23.7824, 8.5745
YIQ	131.6710, 70.0100, 8.7460

Conversions

Conversions Part 2

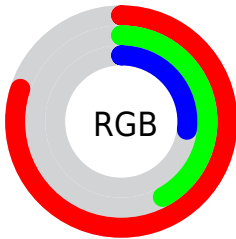
Format	Color
R_{YB}	204, 122, 69
Decimal	13396805
CIE Lab	55.87, 35.26, 38.19
CIE LCh	56, 51.972, 47.286
Yxy	23.7824, 0.4912, 0.3740
Android (android.graphics.Color)	4291586885 (0xFFCC6B45)
YUV	131.6710, -30.8968, 63.4325
Hunter-Lab	48.7672, 28.9804, 23.7124

Details

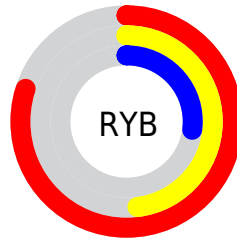
The YUV color **131.6710, -30.8968, 63.4325** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **141.3290, 30.8968, -63.4325**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6170, -32.3492, 62.6029**, and **79.1370, -27.6755, 56.8849** is the 20% darker color. If you saturate the color by 10%, you get **120.5860, -35.2919, 73.1541**, and if you desaturate by 10%, it is **142.7560, -26.5017, 53.7110**.

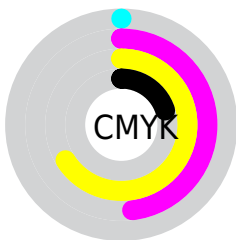
Distribution



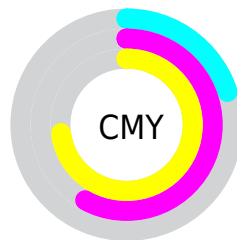
- Red (80%)
- Green (42%)
- Blue (27%)



- Red (80%)
- Yellow (48%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (66%)
- Black (20%)





- Cyan (20%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.6710, -30.8968, 63.4325 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 131.6710, -30.8968, 63.4325 by changing the saturation by 10% instead.


 131.6710,
-30.8968, 63.4325


 131.6710,
-30.8968, 63.4325


255.0000, 0.0000,
0.0000

 105.4040,
-29.2862, 60.1587


 183.6170,
-32.3492, 62.6029


 79.1370, -27.6755,
56.8849


 202.4300,
-28.8060, 46.1039


 53.1690, -26.2123,
54.2258


 221.9440,
-25.1154, 28.9901

 27.7740, -13.6926,
51.9412

 242.1590,
-21.2774, 11.2616

 17.6410, -8.6970,
36.2718

 251.8080,
-12.2303, 2.7994

 9.3830, -4.1328,
18.9581

 0.0000, 0.0000,

0.0000

■ 131.6710,
-30.8968, 63.4325

■ 131.6710,
-30.8968, 63.4325

■ 120.5860,
-35.2919, 73.1541

■ 142.7560,
-26.5017, 53.7110

■ 109.9740,
-40.4132, 82.4608

■ 153.3680,
-21.3804, 44.4043

■ 98.8890, -44.8083,
92.1823

■ 164.4530,
-16.9853, 34.6827

■ 94.4550, -46.5663,
96.0710

■ 175.6520,
-12.1534, 24.8612

■ 186.1500, -7.4690,
15.6544

■ 197.2350, -3.0739,
5.9329

■ 208.4340, 1.7580,
-3.8886

■ 218.9320, 6.4425,
-13.0954

■ 230.1310, 11.2744,
-22.9169

Harmonies

Analogous

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



132.6010, -11.1423, 74.0179



131.6710, -30.8968, 63.4325



130.0750, -43.9140, 38.5222

Triad

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



131.6710, -30.8968, 63.4325



103.7530, 4.0658, -90.9914



131.2900, 43.7340, -27.4413

Complementary

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



131.6710, -30.8968, 63.4325



141.3290, 30.8968, -63.4325

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.



109.8360, 55.2969, -96.3262



131.6710, -30.8968, 63.4325



109.6980, 24.3059, -96.2051

Square

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



131.6710, -30.8968, 63.4325



119.2490, -24.7728, -34.4214



112.4970, 42.6460, -98.6599



138.0320, 28.5782, 27.1589

Rectangle

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



131.6710, -30.8968, 63.4325



127.6010, -45.1593, 17.8899



112.4970, 42.6460, -98.6599



123.3190, 49.6357, -53.7768

Sweetspot

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



131.6710, -30.8968, 63.4325



227.4670, -11.5692, 24.1464



120.6510, 23.3431, 73.0971



111.5520, -7.1741, 14.4249



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.



131.6710, -30.8968, 63.4325



146.9710, -45.8347, 94.7414



169.8260, -49.7072, 29.9706



96.7510, -2.3422, 4.6034



77.2230, -38.0709, 77.8574



17.8190, -8.7848, 17.6987

Inverse Universe

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



141.3290, 30.8968, -63.4325



161.4420, 46.1241, -94.2266



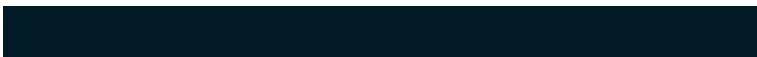
102.5870, 49.9966, -29.4558



97.2490, 2.3422, -4.6034



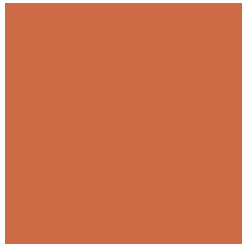
88.7770, 38.0709, -77.8574



20.1810, 8.7848, -17.6987

Previews

White Background



This preview shows how the YUV color 131.6710, -30.8968, 63.4325 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 131.6710, -30.8968, 63.4325 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 131.6710, -30.8968, 63.4325

Background



This preview shows how black text looks on a background with the YUV color 131.6710, -30.8968, 63.4325.



This preview shows how white text looks on a background with the YUV color 131.6710, -30.8968,

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

131.6710, -30.8968, 63.4325

Protanopia

131.5030, -26.3770, 13.5909

Deuteranopia

132.0660, -33.5565, 29.7601



Tritanopia

133.8940, -12.2727, 63.2370

Trichromacy



Original Color

131.6710, -30.8968, 63.4325

Protanomaly

131.5700, -27.8890, 31.9491

Deuteranomaly

131.7840, -32.4315, 42.2854

Tritanomaly

133.0590, -19.2561, 63.0923

Monochromacy



Original Color

131.6710, -30.8968, 63.4325

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.8690, -11.2744, 22.9169

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.6710, -30.8968, 63.4325 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, 69)` looks like.

```
.text, #text, p{  
    color:rgb(204, 107, 69)  
}
```

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, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 107, 69) }
```

Border

The CSS property to change the border of an element to YUV 131.6710, -30.8968, 63.4325 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, 69) }
```


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

```
.border{ border-color:rgb(204, 107, 69) }
```

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, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 107, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 107, 69);  
box-shadow:4px 4px 4px 4px rgb(204, 107,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 131.6710, -30.8968, 63.4325 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, 69) }
```

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

```
.background{ background-color: rgb(204,  
107, 69) }
```

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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