

Converting Colors

YUV(131.8490, -64.5086,
64.1534)

Have a look what the booklet for
YUV(131.8490, -64.5086, 64.1534)
contains.

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Color

**YUV(131.8490, -64.5086,
64.1534)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7801
RGB	205, 120, 1
RGB Percent	80%, 47%, 0%
CMY	0.1961, 0.5294, 0.9961
CMYK	0.00, 0.41, 1.00, 0.20
HSL	35°, 99%, 40%
HSV	35°, 100%, 80%
XYZ	31.8988, 26.4143, 3.4459
YIQ	131.8490, 88.8590, -18.9890

Conversions

Conversions Part 2

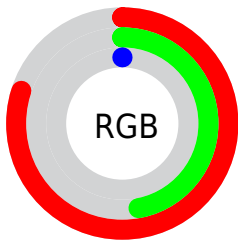
Format	Color
RYB	147, 205, 1
Decimal	13465601
CIELab	58.43, 26.66, 65.06
CIElCh	58, 70.311, 67.720
Yxy	26.4143, 0.5165, 0.4277
Android (android.graphics.Color)	4291655681 (0xFFCD7801)
YUV	131.8490, -64.5086, 64.1534
Hunter-Lab	51.3948, 20.8472, 32.0011

Details

The YUV color **131.8490, -64.5086, 64.1534** 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 **74.1510, 64.5086, -64.1534**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6620, -57.5144, 60.8094**, and **84.7330, -41.7734, 51.9772** is the 20% darker color. If you saturate the color by 10%, you get **131.7350, -64.9454, 64.2534**, and if you desaturate by 10%, it is **139.4120, -58.3771, 57.5207**.

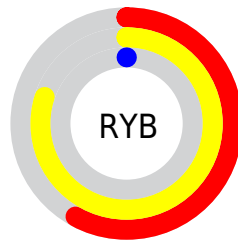
Distribution



Red (80%)

Green (47%)

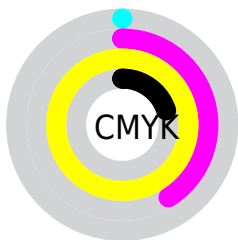
Blue (0%)



Red (58%)

Yellow (80%)

Blue (0%)

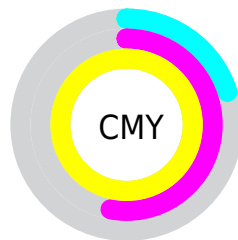


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.8490, -64.5086, 64.1534 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 131.8490, -64.5086, 64.1534 by changing the saturation by 10% instead.

■ 131.8490,
-64.5086, 64.1534

■ 131.8490,
-64.5086, 64.1534

■ 255.0000, 0.0000,
0.0000

■ 107.7910,
-53.1410, 58.0653

■ 185.6620,
-57.5144, 60.8094

■ 84.7330, -41.7734,
51.9772

■ 204.5890,
-53.5344, 44.2104

■ 61.6750, -30.4058,
45.8890

■ 223.9890,
-50.2806, 27.1966

■ 40.3890, -19.9118,
40.0008

■ 243.0300,
-45.8638, 10.4977

■ 18.5160, -9.1284,
34.6275

■ 246.2220,
-33.6334, 7.6983

■ 10.2800, -4.5750,
20.8024

■ 249.4140,

■ 0.0000, 0.0000,

-21.4031, 4.8989

0.0000

252.7200, -8.7360,
1.9996

131.8490,
-64.5086, 64.1534

131.8490,
-64.5086, 64.1534

131.7350,
-64.9454, 64.2534

139.4120,
-58.3771, 57.5207

146.5020,
-51.5195, 51.3027

154.0650,
-45.3880, 44.6700

161.1550,
-38.5304, 38.4521

168.8320,
-31.9622, 31.7193

■ 175.8080,
-25.5413, 25.6014

■ 183.4850,
-18.9731, 18.8687

■ 190.4610,
-12.5523, 12.7507

■ 198.1380, -5.9840,
6.0180

Harmonies

Analogous

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



133.2170, -32.1520, 92.7717



131.8490, -64.5086, 64.1534



129.9870, -64.0836, 21.0594

Triad

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



131.8490, -64.5086, 64.1534



116.2860, 19.0860, -101.9828



143.4770, 47.0928, 15.3677

Complementary

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



131.8490, -64.5086, 64.1534



74.1510, 64.5086, -64.1534

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.



113.0110, 70.0006, -99.1106



131.8490, -64.5086, 64.1534



122.5390, 45.5833, -107.4667

Square

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



131.8490, -64.5086, 64.1534



107.2290, -8.0009, -94.0398



122.4030, 65.3703, -107.3474



139.6020, 24.3532, 75.7710

Rectangle

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



131.8490, -64.5086, 64.1534



124.1850, -61.2232, -9.8092



122.4030, 65.3703, -107.3474



140.5490, 54.4523, -11.8825

Sweetspot

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



131.8490, -64.5086, 64.1534



227.5520, -23.9361, 24.0719



71.6860, 7.0568, 116.9164



111.0160, -14.3049, 14.8950



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.



131.8490, -64.5086, 64.1534



163.7080, -80.7080, 80.0631



176.6610, -86.6009, 9.9443



98.5120, -3.2104, 3.0590



106.5730, -52.5405, 52.1175



24.2760, -11.9681, 12.0359

Inverse Universe

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



74.1510, 64.5086, -64.1534



91.2920, 80.7080, -80.0631



29.3390, 86.6009, -9.9443



95.4880, 3.2104, -3.0590



59.4270, 52.5405, -52.1175



13.7240, 11.9681, -12.0359

Previews

White Background



This preview shows how the YUV color 131.8490, -64.5086, 64.1534 looks on a white background.

Color Contrast Check

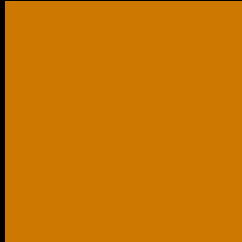
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.8490, -64.5086, 64.1534 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 131.8490, -64.5086, 64.1534 Background



This preview shows how black text looks on a background with the YUV color 131.8490, -64.5086, 64.1534.



This preview shows how white text looks on a background with the YUV color 131.8490, -64.5086, 64.1534.

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

131.8490, -64.5086, 64.1534

Protanopia

132.1320, -57.2531, 23.5632

Deuteranopia

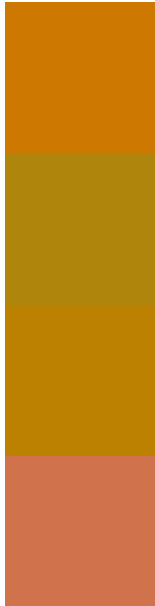
131.8800, -65.0168, 40.4472



Tritanopia

141.9150, -10.8041, 58.8335

Trichromacy



Original Color

131.8490, -64.5086, 64.1534

Protanomaly

131.9490, -59.6279, 38.6327

Deuteranomaly

131.9350, -65.0440, 49.1690

Tritanomaly

138.4750, -30.3072, 60.9734

Monochromacy



Original Color

131.8490, -64.5086, 64.1534

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.2530, -23.7887, 23.4571

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8490, -64.5086, 64.1534 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(205, 120, 1)` looks like.

```
.text, #text, p{  
    color:rgb(205, 120, 1)  
}
```

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(205, 120, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 120, 1) }
```

Border

The CSS property to change the border of an element to YUV 131.8490, -64.5086, 64.1534 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(205, 120, 1) }
```


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

```
.border{ border-color:rgb(205, 120, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 120, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 120, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 120, 1);  
box-shadow:4px 4px 4px 4px rgb(205, 120,  
1) }
```

Background

The CSS property to change the background color of an element to YUV 131.8490, -64.5086, 64.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 120, 1) }
```

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

```
.background{ background-color: rgb(205,  
120, 1) }
```

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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