

Converting Colors

YUV(171.1630, -30.6464,
29.6750)

Have a look what the booklet for
YUV(171.1630, -30.6464, 29.6750)
contains.

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Color

**YUV(171.1630, -30.6464,
29.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA66D
RGB	205, 166, 109
RGB Percent	80%, 65%, 43%
CMY	0.1961, 0.3490, 0.5725
CMYK	0.00, 0.19, 0.47, 0.20
HSL	36°, 49%, 62%
HSV	36°, 47%, 80%
XYZ	41.5734, 41.3557, 20.2593
YIQ	171.1630, 41.5410, -9.4590

Conversions

Conversions Part 2

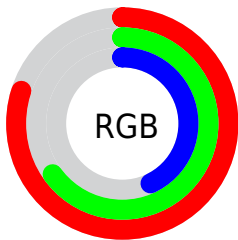
Format	Color
RYB	175, 205, 109
Decimal	13477485
CIELab	70.42, 7.03, 34.83
CIELCh	70, 35.530, 78.596
Yxy	41.3557, 0.4029, 0.4008
Android (android.graphics.Color)	4291667565 (0xFFCDA66D)
YUV	171.1630, -30.6464, 29.6750
Hunter-Lab	64.3084, 2.8550, 26.3375

Details

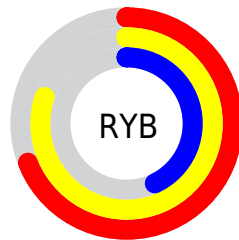
The YUV color **171.1630, -30.6464, 29.6750** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **142.8370, 30.6464, -29.6750**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.3260, -31.2197, 26.9011**, and **118.3090, -28.7463, 26.9160** is the 20% darker color. If you saturate the color by 10%, you get **164.1870, -37.0672, 35.7930**, and if you desaturate by 10%, it is **178.2530, -23.7887, 23.4571**.

Distribution



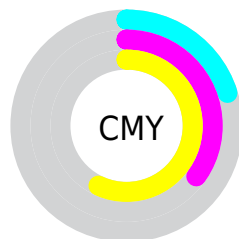
- Red (80%)
- Green (65%)
- Blue (43%)



- Red (69%)
- Yellow (80%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (20%)



- Cyan (20%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1630, -30.6464, 29.6750 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 171.1630, -30.6464, 29.6750 by changing the saturation by 10% instead.

■ 171.1630,
-30.6464, 29.6750

■ 171.1630,
-30.6464, 29.6750

255.0000, 0.0000,
0.0000

■ 144.6790,
-29.9147, 28.3455

■ 224.3260,
-31.2197, 26.9011

■ 118.3090,
-28.7463, 26.9160

■ 243.9540,
-27.0923, 9.6873

■ 93.2270, -27.7199,
24.3569

■ 250.6680,
-16.5983, 3.7992

■ 68.6290, -27.4251,
23.1274

■ 253.8600, -4.3680,
0.9998

■ 46.7580, -23.0517,
20.3832

■ 27.2440, -13.4313,
14.6950

■ 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,
0.0000

■ 171.1630,
-30.6464, 29.6750

■ 171.1630,
-30.6464, 29.6750

■ 164.1870,
-37.0672, 35.7930

■ 178.2530,
-23.7887, 23.4571

■ 156.5100,
-43.6354, 42.5257

■ 185.8160,
-17.6573, 16.8244

■ 149.4200,
-50.4931, 48.7437

■ 192.9060,
-10.7997, 10.6064

■ 142.4440,
-56.9139, 54.8616

■ 199.8820, -4.3788,
4.4885

■ 134.7670,
-63.4821, 61.5943

■ 207.5590, 2.1894,
-2.2442

■ 132.9090,
-65.5241, 63.2238

■ 214.5350, 8.6102,
-8.3622

■ 221.6250, 15.4679,
-14.5801

■ 227.1360, 13.7370,
-19.4133

■ 231.8320, 11.4218,
-23.5317

Harmonies

Analogous

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



173.1080, -23.7172, 47.2633



171.1630, -30.6464, 29.6750



168.4650, -28.8232, 4.8542

Triad

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



171.1630, -30.6464, 29.6750



151.0590, 20.1839, -80.7357



176.7680, 18.8484, 21.2515

Complementary

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



171.1630, -30.6464, 29.6750



142.8370, 30.6464, -29.6750

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.



172.4200, 29.8659, -12.6463



171.1630, -30.6464, 29.6750



151.9030, 33.5718, -81.4759

Square

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



171.1630, -30.6464, 29.6750



157.9580, 0.0207, -53.4602



163.8560, 35.0740, -49.8627



176.8390, 4.5164, 44.8682

Rectangle

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



171.1630, -30.6464, 29.6750



165.4780, -21.9277, -13.5742



163.8560, 35.0740, -49.8627



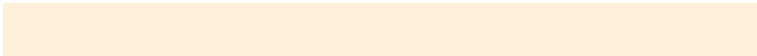
176.1410, 23.1015, 10.4003

Sweetspot

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



171.1630, -30.6464, 29.6750



242.0910, -11.3839, 11.3212



142.2640, 3.3208, 55.0195



120.2090, -7.0050, 6.8327



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.



171.1630, -30.6464, 29.6750



204.6520, -45.6774, 44.1552



191.6640, -40.7534, 4.6797



98.5120, -3.2104, 3.0590



107.1600, -52.8299, 51.6027



24.8630, -12.2575, 11.5211

Inverse Universe

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



142.8370, 30.6464, -29.6750



162.3480, 45.6774, -44.1552



122.3360, 40.7534, -4.6797



95.4880, 3.2104, -3.0590



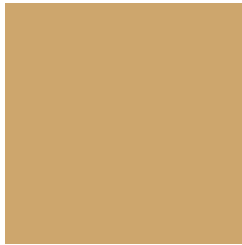
58.2530, 53.1193, -51.0879



13.7240, 11.9681, -12.0359

Previews

White Background



This preview shows how the YUV color 171.1630, -30.6464, 29.6750 looks on a white background.

Color Contrast Check

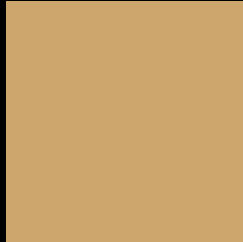
Large Text (above 18pt) WCAG AA × Fail

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 171.1630, -30.6464, 29.6750 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 ✓ Pass

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

YUV 171.1630, -30.6464, 29.6750

Background



This preview shows how black text looks on a background with the YUV color 171.1630, -30.6464, 29.6750.



This preview shows how white text looks on a background with the YUV color 171.1630, -30.6464, 29.6750.

29.6750.

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

171.1630, -30.6464, 29.6750

Protanopia

169.9440, -28.5664, 15.8351

Deuteranopia

171.4730, -30.7992, 32.0342



Tritanopia

175.3290, -2.1342, 31.2835

Trichromacy



Original Color

171.1630, -30.6464, 29.6750

Protanomaly

170.4500, -29.3088, 20.6534

Deuteranomaly

171.1740, -30.6518, 31.4194

Tritanomaly

173.8700, -12.7539, 30.8090

Monochromacy



Original Color

171.1630, -30.6464, 29.6750

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7920, -11.2365, 10.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1630, -30.6464, 29.6750 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, 166, 109)` looks like.

```
.text, #text, p{  
    color:rgb(205, 166, 109)  
}
```

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, 166, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 166, 109) }
```

Border

The CSS property to change the border of an element to YUV 171.1630, -30.6464, 29.6750 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

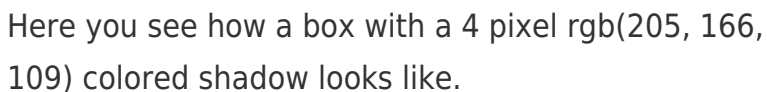
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 166, 109) }
```


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

```
.border{ border-color:rgb(205, 166, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 166, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 166, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 166, 109);  
box-shadow:4px 4px 4px 4px rgb(205, 166,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 171.1630, -30.6464, 29.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 166, 109) }
```

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

```
.background{ background-color: rgb(205,  
166, 109) }
```

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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