

Converting Colors

YUV(176.4550, -26.8463,
24.1570)

Have a look what the booklet for
YUV(176.4550, -26.8463, 24.1570)
contains.

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Color

**YUV(176.4550, -26.8463,
24.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	CCAD7A
RGB	204, 173, 122
RGB Percent	80%, 68%, 48%
CMY	0.2000, 0.3216, 0.5216
CMYK	0.00, 0.15, 0.40, 0.20
HSL	37°, 45%, 64%
HSV	37°, 40%, 80%
XYZ	43.3583, 44.1297, 24.6450
YIQ	176.4550, 34.8470, -9.2890

Conversions

Conversions Part 2

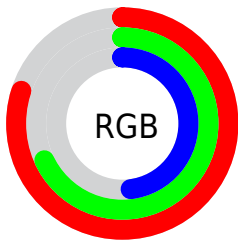
Format	Color
RYB	172, 204, 122
Decimal	13413754
CIELab	72.32, 4.23, 30.38
CIELCh	72, 30.675, 82.071
Yxy	44.1297, 0.3867, 0.3935
Android (android.graphics.Color)	4291603834 (0xFFCCAD7A)
YUV	176.4550, -26.8463, 24.1570
Hunter-Lab	66.4302, 0.2523, 24.5050

Details

The YUV color **176.4550, -26.8463, 24.1570** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **149.5450, 26.8463, -24.1570**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.0310, -27.1303, 21.8978**, and **123.4870, -25.3831, 21.4979** is the 20% darker color. If you saturate the color by 10%, you get **169.4790, -33.2671, 30.2749**, and if you desaturate by 10%, it is **183.4310, -20.4255, 18.0390**.

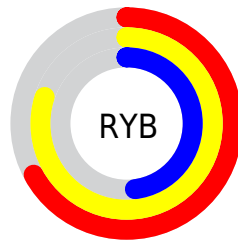
Distribution



Red (80%)

Green (68%)

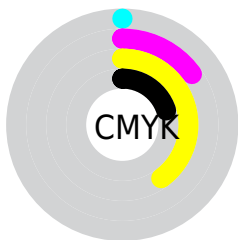
Blue (48%)



Red (67%)

Yellow (80%)

Blue (48%)

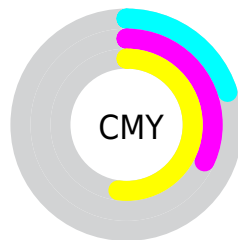


Cyan (0%)

Magenta (15%)

Yellow (40%)

Black (20%)



Cyan (20%)

Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.4550, -26.8463, 24.1570 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 176.4550, -26.8463, 24.1570 by changing the saturation by 10% instead.

■ 176.4550,
-26.8463, 24.1570

■ 176.4550,
-26.8463, 24.1570

255.0000, 0.0000,
0.0000

■ 149.3840,
-25.8253, 23.3422

■ 230.0310,
-27.1303, 21.8978

■ 123.4870,
-25.3831, 21.4979

■ 249.0720,
-22.7135, 5.1989

■ 98.1170, -24.2147,
20.0684

■ 252.2640,
-10.4832, 2.3995

■ 73.7470, -23.0463,
18.6389

■ 50.5080, -23.9144,
17.0945

■ 30.7770, -15.1731,
13.3506

■ 9.2140, -4.5425,

10.3363

■ 0.0000, 0.0000,
0.0000

■ 176.4550,
-26.8463, 24.1570

■ 176.4550,
-26.8463, 24.1570

■ 169.4790,
-33.2671, 30.2749

■ 183.4310,
-20.4255, 18.0390

■ 162.9760,
-40.4142, 35.9780

■ 189.9340,
-13.2785, 12.3359

■ 156.0000,
-46.8350, 42.0960

■ 196.9100, -6.8576,
6.2179

■ 148.9100,
-53.6926, 48.3139

■ 204.0000, 0.0000,
0.0000

■ 141.9340,
-60.1135, 54.4319

■ 210.9760, 6.4208,
-6.1180

■ 135.5450,
-66.8237, 60.0350

■ 217.3650, 13.1311,
-11.7211

■ 223.3150, 15.6207,
-16.9393

■ 228.0110, 13.3056,
-21.0576

■ 232.1200, 11.2798,
-24.6612

Harmonies

Analogous

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



178.8190, -22.0958, 40.5007



176.4550, -26.8463, 24.1570



173.7080, -24.0130, 2.0101

Triad

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



176.4550, -26.8463, 24.1570



162.3600, 17.0775, -64.3367



181.4430, 15.0646, 21.5365

Complementary

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



176.4550, -26.8463, 24.1570



149.5450, 26.8463, -24.1570

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.



178.7860, 24.7555, -6.8283



176.4550, -26.8463, 24.1570



164.8410, 27.6864, -60.3736

Square

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



176.4550, -26.8463, 24.1570



165.4580, 1.7462, -46.8827



172.1520, 29.5051, -36.9673



181.5350, 2.2012, 40.7498

Rectangle

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



176.4550, -26.8463, 24.1570



171.2050, -17.8491, -15.0888



172.1520, 29.5051, -36.9673



181.0120, 18.7281, 13.1445

Sweetspot

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



176.4550, -26.8463, 24.1570



244.4220, -10.0680, 9.2769



150.0520, 1.4534, 47.3124



121.8390, -5.8366, 5.4032



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.



176.4550, -26.8463, 24.1570



214.0900, -39.9774, 35.8781



191.6620, -34.3434, 2.0504



98.5120, -3.2104, 3.0590



110.0950, -54.2768, 49.0287



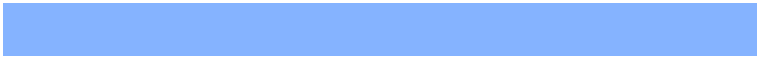
25.4500, -12.5468, 11.0064

Inverse Universe

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



149.5450, 26.8463, -24.1570



173.9100, 39.9774, -35.8781



134.3380, 34.3434, -2.0504



95.4880, 3.2104, -3.0590



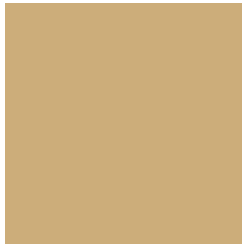
55.9050, 54.2768, -49.0287



12.5500, 12.5468, -11.0064

Previews

White Background



This preview shows how the YUV color 176.4550, -26.8463, 24.1570 looks on a white background.

Color Contrast Check

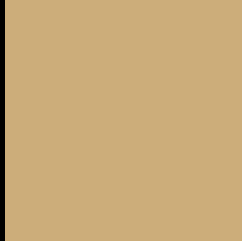
Large Text (above 18pt) WCAG AA × Fail

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 176.4550, -26.8463, 24.1570 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 176.4550, -26.8463, 24.1570

Background



This preview shows how black text looks on a background with the YUV color 176.4550, -26.8463, 24.1570.



This preview shows how white text looks on a background with the YUV color 176.4550, -26.8463, 24.1570.

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

176.4550, -26.8463, 24.1570

Protanopia

175.4430, -25.3614, 14.5205

Deuteranopia

177.2000, -26.7206, 30.5196



Tritanopia

180.6380, -0.8075, 25.7505

Trichromacy



Original Color

176.4550, -26.8463, 24.1570

Protanomaly

175.9380, -26.0984, 17.5944

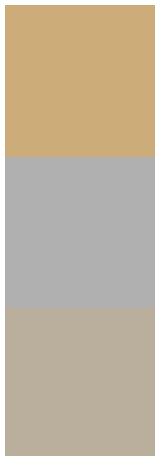
Deuteranomaly

176.8900, -26.5678, 28.1605

Tritanomaly

179.4070, -10.5537, 25.0761

Monochromacy



Original Color

176.4550, -26.8463, 24.1570

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1230, -9.9206, 8.6621

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.4550, -26.8463, 24.1570 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, 173, 122)` looks like.

```
.text, #text, p{  
    color:rgb(204, 173, 122)  
}
```

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, 173, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 173, 122) }
```

Border

The CSS property to change the border of an element to YUV 176.4550, -26.8463, 24.1570 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, 173, 122) }
```


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

```
.border{ border-color:rgb(204, 173, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 173, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 173, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 173, 122);  
box-shadow:4px 4px 4px 4px rgb(204, 173,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 176.4550, -26.8463, 24.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 173, 122) }
```

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

```
.background{ background-color: rgb(204,  
173, 122) }
```

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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