

Converting Colors

YUV(151.5660, -28.3800,
49.4926)

Have a look what the booklet for
YUV(151.5660, -28.3800, 49.4926)
contains.

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Color

**YUV(151.5660, -28.3800,
49.4926)**

Conversions

Conversions Part 1

Format	Color
Hex	D0865E
RGB	208, 134, 94
RGB Percent	82%, 53%, 37%
CMY	0.1843, 0.4745, 0.6314
CMYK	0.00, 0.36, 0.55, 0.18
HSL	21°, 55%, 59%
HSV	21°, 55%, 82%
XYZ	36.5579, 31.2682, 14.6982
YIQ	151.5660, 56.9440, 3.2480

Conversions

Conversions Part 2

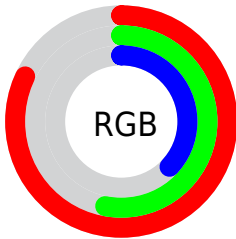
Format	Color
RYB	208, 156, 94
Decimal	13665886
CIELab	62.73, 24.25, 33.15
CIELCh	63, 41.076, 53.809
Yxy	31.2682, 0.4430, 0.3789
Android (android.graphics.Color)	4291855966 (0xFFD0865E)
YUV	151.5660, -28.3800, 49.4926
Hunter-Lab	55.9180, 18.8426, 23.5580

Details

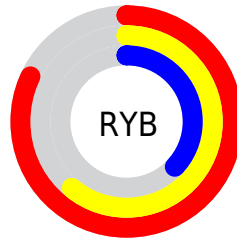
The YUV color **151.5660, -28.3800, 49.4926** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **150.4340, 28.3800, -49.4926**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1310, -28.6586, 45.4891**, and **99.5160, -25.8904, 44.2745** is the 20% darker color. If you saturate the color by 10%, you get **140.9540, -33.5013, 58.7993**, and if you desaturate by 10%, it is **162.1780, -23.2588, 40.1859**.

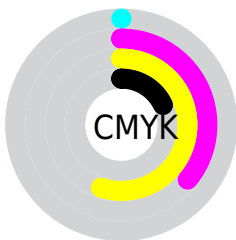
Distribution



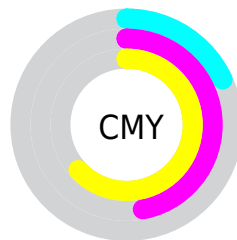
- Red (82%)
- Green (53%)
- Blue (37%)



- Red (82%)
- Yellow (61%)
- Blue (37%)



- Cyan (0%)
- Magenta (36%)
- Yellow (55%)
- Black (18%)





- Cyan (18%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5660, -28.3800, 49.4926 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 151.5660, -28.3800, 49.4926 by changing the saturation by 10% instead.


 151.5660,
-28.3800, 49.4926


 151.5660,
-28.3800, 49.4926


255.0000, 0.0000,
0.0000


 124.8970,
-27.0642, 47.4483


 203.1310,
-28.6586, 45.4891


 99.5160, -25.8904,
44.2745


 222.6450,
-24.9680, 28.3753

 74.4340, -24.8640,
41.7154

 242.1590,
-21.2774, 11.2616

 49.8250, -24.5637,
38.7415

 251.8080,
-12.2303, 2.7994

 28.2510, -13.9277,
33.9829

 12.8570, -6.3385,
26.4354

 0.0000, 0.0000,

0.0000

■ 151.5660,
-28.3800, 49.4926

■ 151.5660,
-28.3800, 49.4926

■ 140.9540,
-33.5013, 58.7993

■ 162.1780,
-23.2588, 40.1859

■ 130.9290,
-38.9120, 67.5913

■ 172.2030,
-17.8481, 31.3940

■ 120.4310,
-43.5965, 76.7980

■ 182.7010,
-13.1636, 22.1872

■ 110.4060,
-49.0072, 85.5899

■ 192.7260, -7.7529,
13.3953

■ 105.0430,
-51.7862, 90.2933

■ 203.3380, -2.6316,
4.0886

■ 213.3630, 2.7790,
-4.7034

■ 223.9750, 7.9003,
-14.0101

■ 233.3160, 10.6902,
-22.2021

■ 240.9470, 6.9281,
-28.8945

Harmonies

Analogous

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



153.0030, -14.2985, 59.6334



151.5660, -28.3800, 49.4926



149.3000, -35.1509, 27.8009

Triad

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



151.5660, -28.3800, 49.4926



128.0520, 7.3694, -77.2216



153.0230, 32.0337, -7.9132

Complementary

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



151.5660, -28.3800, 49.4926



150.4340, 28.3800, -49.4926

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.



141.0060, 40.9160, -57.0103



151.5660, -28.3800, 49.4926



120.3100, 29.4272, -105.5119

Square

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



151.5660, -28.3800, 49.4926



140.1380, -16.3370, -33.4470



121.3820, 43.6887, -106.4520



155.9370, 19.2581, 29.8733

Rectangle

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



151.5660, -28.3800, 49.4926



147.2330, -33.6389, 9.4427



121.3820, 43.6887, -106.4520



150.4340, 35.2820, -23.1826

Sweetspot

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



151.5660, -28.3800, 49.4926



235.0640, -10.3846, 17.4839



136.5220, 15.5187, 62.6862



115.7580, -6.2897, 10.7362



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.



151.5660, -28.3800, 49.4926



171.8650, -41.8384, 72.9094



185.0250, -44.8753, 20.1491



99.6370, -2.7790, 4.7034



84.8650, -41.8384, 72.9094



20.4770, -10.0952, 17.9987

Inverse Universe

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



150.4340, 28.3800, -49.4926



170.1350, 41.8384, -72.9094



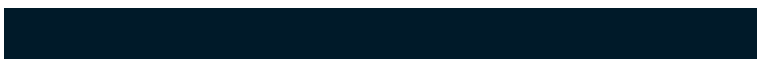
116.9750, 44.8753, -20.1491



99.3630, 2.7790, -4.7034



83.1350, 41.8384, -72.9094



19.9360, 10.3846, -17.4839

Previews

White Background



This preview shows how the YUV color 151.5660, -28.3800, 49.4926 looks on a white background.

Color Contrast Check

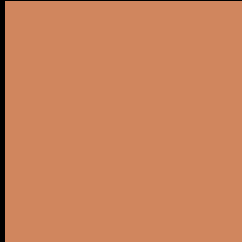
Large Text (above 18pt) WCAG AA × Fail

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 151.5660, -28.3800, 49.4926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

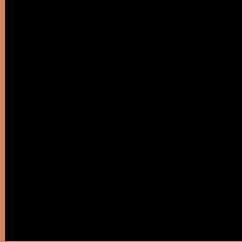
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.5660, -28.3800, 49.4926

Background



This preview shows how black text looks on a background with the YUV color 151.5660, -28.3800, 49.4926.



This preview shows how white text looks on a background with the YUV color 151.5660, -28.3800,

49.4926.

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

151.5660, -28.3800, 49.4926

Protanopia

150.0730, -24.1930, 13.0910

Deuteranopia

150.6190, -28.8992, 29.2751



Tritanopia

153.9570, -7.8668, 50.0267

Trichromacy



Original Color

151.5660, -28.3800, 49.4926

Protanomaly

150.4060, -25.8362, 26.8309

Deuteranomaly

151.0760, -28.6315, 36.7673

Tritanomaly

153.0080, -15.2869, 49.9820

Monochromacy



Original Color

151.5660, -28.3800, 49.4926

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.4770, -10.0952, 17.9987

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5660, -28.3800, 49.4926 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(208, 134, 94)` looks like.

```
.text, #text, p{  
    color:rgb(208, 134, 94)  
}
```

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(208, 134, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 134, 94) }
```

Border

The CSS property to change the border of an element to YUV 151.5660, -28.3800, 49.4926 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(208, 134, 94) }
```


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

```
.border{ border-color:rgb(208, 134, 94) }
```

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

Here you see how a box with a 4 pixel rgb(208, 134, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 134, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 134, 94);  
box-shadow:4px 4px 4px 4px rgb(208, 134,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 151.5660, -28.3800, 49.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 134, 94) }
```

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

```
.background{ background-color: rgb(208,  
134, 94) }
```

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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