

Converting Colors

YUV(165.4300, -28.8060,
46.1039)

Have a look what the booklet for
YUV(165.4300, -28.8060, 46.1039)
contains.

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Color

**YUV(165.4300, -28.8060,
46.1039)**

Conversions

Conversions Part 1

Format	Color
Hex	DA966B
RGB	218, 150, 107
RGB Percent	85%, 59%, 42%
CMY	0.1451, 0.4118, 0.5804
CMYK	0.00, 0.31, 0.51, 0.15
HSL	23°, 60%, 64%
HSV	23°, 51%, 85%
XYZ	42.4736, 37.7797, 18.9635
YIQ	165.4300, 54.3310, 1.0430

Conversions

Conversions Part 2

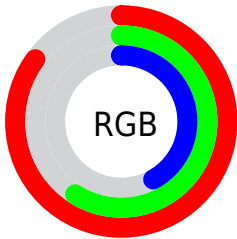
Format	Color
R _Y B	218, 177, 107
Decimal	14325355
CIE Lab	67.86, 20.81, 32.89
CIE LCh	68, 38.921, 57.682
Yxy	37.7797, 0.4281, 0.3808
Android (android.graphics.Color)	4292515435 (0xFFDA966B)
YUV	165.4300, -28.8060, 46.1039
Hunter-Lab	61.4652, 15.7830, 24.7332

Details

The YUV color **165.4300, -28.8060, 46.1039** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **159.5700, 28.8060, -46.1039**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1190, -27.1737, 35.8526**, and **112.6790, -26.4637, 41.5005** is the 20% darker color. If you saturate the color by 10%, you get **155.2910, -34.6535, 54.9958**, and if you desaturate by 10%, it is **175.5690, -22.9585, 37.2120**.

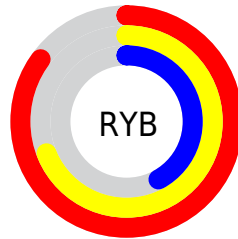
Distribution



Red (85%)

Green (59%)

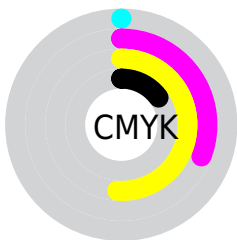
Blue (42%)



Red (85%)

Yellow (69%)

Blue (42%)

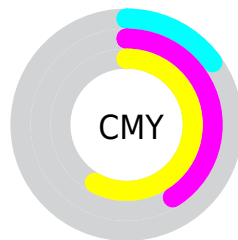


Cyan (0%)

Magenta (31%)

Yellow (51%)

Black (15%)



Cyan (15%)

Magenta (41%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4300, -28.8060, 46.1039 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 165.4300, -28.8060, 46.1039 by changing the saturation by 10% instead.

165.4300,
-28.8060, 46.1039

165.4300,
-28.8060, 46.1039

255.0000, 0.0000,
0.0000

138.6470,
-27.9270, 44.1596

214.1190,
-27.1737, 35.8526

112.6790,
-26.4637, 41.5005

234.2200,
-23.7725, 18.2241

87.5970, -25.4373,
38.9414

250.3260,
-17.9087, 4.0991

63.1020, -24.7003,
35.8675

253.5180, -5.6784,
1.2997

40.3450, -19.8901,
33.0234

19.9450, -9.8329,
27.2352

7.2900, -3.1010,

14.6547

■ 0.0000, 0.0000,
0.0000

■ 165.4300,
-28.8060, 46.1039

■ 165.4300,
-28.8060, 46.1039

■ 155.2910,
-34.6535, 54.9958

■ 175.5690,
-22.9585, 37.2120

■ 144.5650,
-40.2115, 64.4025

■ 186.2950,
-17.4004, 27.8053

■ 134.5400,
-45.6222, 73.1944

■ 196.3200,
-11.9898, 19.0134

■ 124.4010,
-51.4697, 82.0863

■ 206.4590, -6.1423,
10.1215

■ 114.4900,
-56.4436, 90.7783

■ 217.1850, -0.5842,
0.7148

■ 227.3240, 5.2633,
-8.1771

■ 236.8930, 8.9268,
-16.5692

■ 243.9370, 5.4541,
-22.7467

Harmonies

Analogous

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



167.2370, -15.8928, 57.6742



165.4300, -28.8060, 46.1039



162.9190, -33.9771, 24.6270

Triad

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



165.4300, -28.8060, 46.1039



144.9000, 7.9373, -72.7033



167.3720, 29.3966, -2.0802

Complementary

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



165.4300, -28.8060, 46.1039



159.5700, 28.8060, -46.1039

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.



158.8720, 37.5311, -44.6147



165.4300, -28.8060, 46.1039



129.8790, 33.0907, -113.9039

Square

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



165.4300, -28.8060, 46.1039



153.9250, -13.2740, -35.8912



139.8780, 41.4721, -95.4860



170.1500, 16.1951, 32.3175

Rectangle

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



165.4300, -28.8060, 46.1039



160.7810, -31.4440, 5.4541



139.8780, 41.4721, -95.4860



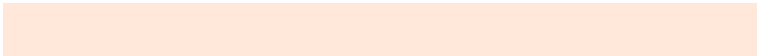
165.7940, 32.6396, -15.6053

Sweetspot

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



165.4300, -28.8060, 46.1039



237.1670, -9.9423, 15.6395



147.9410, 13.3401, 61.4417



116.5730, -5.7055, 10.0215



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.



165.4300, -28.8060, 46.1039



181.4510, -40.6483, 64.5025



197.7150, -44.7225, 17.7899



104.6370, -2.7790, 4.7034



91.0560, -44.8906, 71.8649



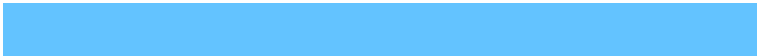
24.3200, -11.9898, 19.0134

Inverse Universe

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



159.5700, 28.8060, -46.1039



173.1360, 40.3590, -65.0173



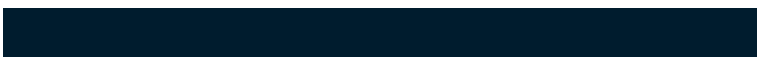
127.2850, 44.7225, -17.7899



103.7760, 3.0684, -4.1886



81.9440, 44.8906, -71.8649



21.6800, 11.9898, -19.0134

Previews

White Background



This preview shows how the YUV color 165.4300, -28.8060, 46.1039 looks on a white background.

Color Contrast Check

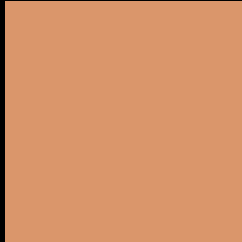
Large Text (above 18pt) WCAG AA × Fail

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 165.4300, -28.8060, 46.1039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

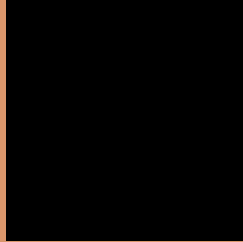
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.4300, -28.8060, 46.1039

Background



This preview shows how black text looks on a background with the YUV color 165.4300, -28.8060, 46.1039.



This preview shows how white text looks on a background with the YUV color 165.4300, -28.8060,

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

165.4300, -28.8060, 46.1039

Protanopia

163.8450, -25.0666, 13.2909

Deuteranopia

164.5160, -29.3414, 31.1195



Tritanopia

168.5760, -6.6930, 46.8528

Trichromacy



Original Color

165.4300, -28.8060, 46.1039

Protanomaly

164.2810, -26.2675, 25.1866

Deuteranomaly

164.9620, -29.0683, 36.8673

Tritanomaly

167.5130, -14.5499, 46.9081

Monochromacy



Original Color

165.4300, -28.8060, 46.1039

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3520, -10.5265, 16.3543

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4300, -28.8060, 46.1039 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(218, 150, 107)` looks like.

```
.text, #text, p{  
    color:rgb(218, 150, 107)  
}
```

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(218, 150, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 150, 107) }
```

Border

The CSS property to change the border of an element to YUV 165.4300, -28.8060, 46.1039 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(218, 150, 107) }
```


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

```
.border{ border-color:rgb(218, 150, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 150, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 150, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 150, 107);  
box-shadow:4px 4px 4px 4px rgb(218, 150,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 165.4300, -28.8060, 46.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 150, 107) }
```

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

```
.background{ background-color: rgb(218,  
150, 107) }
```

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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