

Converting Colors

YUV(175.3900, -28.2933,
21.5830)

Have a look what the booklet for
YUV(175.3900, -28.2933, 21.5830)
contains.

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Color

**YUV(175.3900, -28.2933,
21.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AE76
RGB	200, 174, 118
RGB Percent	78%, 68%, 46%
CMY	0.2157, 0.3176, 0.5373
CMYK	0.00, 0.13, 0.41, 0.22
HSL	41°, 43%, 62%
HSV	41°, 41%, 78%
XYZ	42.2255, 43.8595, 23.3797
YIQ	175.3900, 33.4720, -11.9040

Conversions

Conversions Part 2

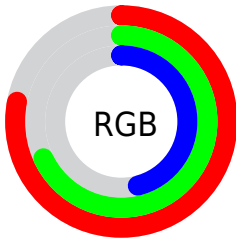
Format	Color
RYB	156, 200, 118
Decimal	13151862
CIELab	72.13, 1.63, 32.19
CIELCh	72, 32.234, 87.104
Yxy	43.8595, 0.3857, 0.4007
Android (android.graphics.Color)	4291341942 (0xFFC8AE76)
YUV	175.3900, -28.2933, 21.5830
Hunter-Lab	66.2265, -2.0861, 25.4276

Details

The YUV color **175.3900, -28.2933, 21.5830** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **142.6100, 28.2933, -21.5830**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1620, -29.1669, 21.7829**, and **122.5360, -26.3932, 18.8239** is the 20% darker color. If you saturate the color by 10%, you get **169.5880, -35.2929, 26.6713**, and if you desaturate by 10%, it is **181.1920, -21.2937, 16.4946**.

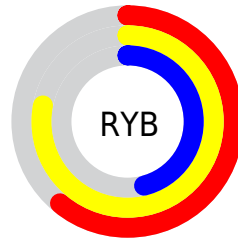
Distribution



Red (78%)

Green (68%)

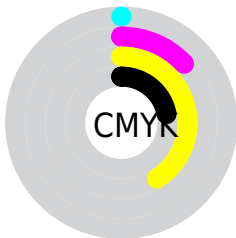
Blue (46%)



Red (61%)

Yellow (78%)

Blue (46%)

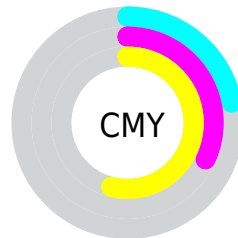


Cyan (0%)

Magenta (13%)

Yellow (41%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3900, -28.2933, 21.5830 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 175.3900, -28.2933, 21.5830 by changing the saturation by 10% instead.

■ 175.3900,
-28.2933, 21.5830

■ 175.3900,
-28.2933, 21.5830

255.0000, 0.0000,
0.0000

■ 148.3190,
-27.2723, 20.7682

■ 230.1620,
-29.1669, 21.7829

■ 122.5360,
-26.3932, 18.8239

■ 248.5020,
-24.8975, 5.6987

■ 97.3510, -25.8090,
18.1092

■ 251.6940,
-12.6671, 2.8994

■ 72.8670, -25.0774,
16.7796

■ 49.9700, -24.6352,
14.9353

■ 30.4670, -15.0202,
10.9914

■ 8.0070, -3.9475,

6.1329

■ 0.0000, 0.0000,
0.0000

■ 175.3900,
-28.2933, 21.5830

■ 175.3900,
-28.2933, 21.5830

■ 169.5880,
-35.2929, 26.6713

■ 181.1920,
-21.2937, 16.4946

■ 163.1990,
-42.0031, 32.2745

■ 187.5810,
-14.5834, 10.8915

■ 157.3970,
-49.0027, 37.3628

■ 193.3830, -7.5838,
5.8031

■ 151.5950,
-56.0023, 42.4512

■ 199.1850, -0.5842,
0.7148

■ 145.2060,
-62.7126, 48.0543

■ 205.5740, 6.1260,
-4.8884

■ 140.2190,
-69.1280, 52.4279

■ 211.3760, 13.1256,
-9.9768

■ 216.8360, 18.8149,
-14.7652

■ 220.9450, 16.7891,
-18.3688

■ 224.4670, 15.0528,
-21.4576

Harmonies

Analogous

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



177.5370, -24.4217, 39.8711



175.3900, -28.2933, 21.5830



172.0880, -23.7074, -2.7082

Triad

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



175.3900, -28.2933, 21.5830



159.4670, 21.4618, -70.5696



181.1340, 13.7379, 27.0695

Complementary

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



175.3900, -28.2933, 21.5830



142.6100, 28.2933, -21.5830

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.



178.8190, 24.7392, -1.5953



175.3900, -28.2933, 21.5830



163.8130, 30.1652, -62.1030

Square

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



175.3900, -28.2933, 21.5830



163.2120, 4.8255, -54.5599



172.8040, 30.6626, -34.9081



180.9870, 0.0064, 44.7384

Rectangle

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



175.3900, -28.2933, 21.5830



169.8130, -16.6698, -20.0070



172.8040, 30.6626, -34.9081



180.8170, 17.8382, 18.5775

Sweetspot

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



175.3900, -28.2933, 21.5830



245.5960, -10.6468, 8.2473



145.5960, -0.2938, 47.7123



122.4260, -6.1260, 4.8884



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.



175.3900, -28.2933, 21.5830



217.2700, -43.0241, 33.0892



186.4660, -33.7537, -0.4087



96.2130, -3.0630, 2.4442



113.8940, -56.1497, 43.0660



24.8520, -12.2520, 9.7768

Inverse Universe

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



142.6100, 28.2933, -21.5830



167.7300, 43.0241, -33.0892



131.5340, 33.7537, 0.4087



92.7870, 3.0630, -2.4442



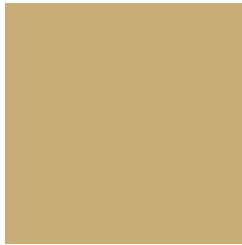
49.1060, 56.1497, -43.0660



10.5610, 12.5414, -9.2620

Previews

White Background



This preview shows how the YUV color 175.3900, -28.2933, 21.5830 looks on a white background.

Color Contrast Check

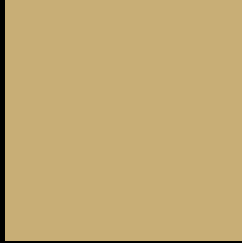
Large Text (above 18pt) WCAG AA × Fail

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 175.3900, -28.2933, 21.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

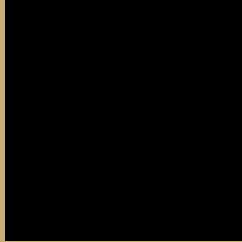
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.3900, -28.2933, 21.5830

Background



This preview shows how black text looks on a background with the YUV color 175.3900, -28.2933, 21.5830.



This preview shows how white text looks on a background with the YUV color 175.3900, -28.2933, 21.5830.

21.5830.

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

175.3900, -28.2933, 21.5830

Protanopia

174.8730, -27.5454, 15.0204

Deuteranopia

176.1570, -28.1784, 31.4343



Tritanopia

179.4420, -0.2179, 23.2914

Trichromacy



Original Color

175.3900, -28.2933, 21.5830

Protanomaly

175.1830, -27.6982, 17.3795

Deuteranomaly

176.1350, -28.1676, 27.9456

Tritanomaly

178.0970, -10.4008, 22.7169

Monochromacy



Original Color

175.3900, -28.2933, 21.5830

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.2970, -10.4994, 7.6325

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3900, -28.2933, 21.5830 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(200, 174, 118)` looks like.

```
.text, #text, p{  
    color:rgb(200, 174, 118)  
}
```

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(200, 174, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 174, 118) }
```

Border

The CSS property to change the border of an element to YUV 175.3900, -28.2933, 21.5830 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(200, 174, 118) }
```


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

```
.border{ border-color:rgb(200, 174, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 174, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 174, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 174, 118);  
box-shadow:4px 4px 4px 4px rgb(200, 174,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 175.3900, -28.2933, 21.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 174, 118) }
```

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

```
.background{ background-color: rgb(200,  
174, 118) }
```

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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