

Converting Colors

YUV(195.5530, -28.8666,
18.8090)

Have a look what the booklet for
YUV(195.5530, -28.8666, 18.8090)
contains.

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Color

**YUV(195.5530, -28.8666,
18.8090)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9C489 |
| RGB | 217, 196, 137 |
| RGB Percent | 85%, 77%, 54% |
| CMY | 0.1490, 0.2314, 0.4627 |
| CMYK | 0.00, 0.10, 0.37, 0.15 |
| HSL | 44°, 51%, 69% |
| HSV | 44°, 37%, 85% |
| XYZ | 52.8706, 56.0377, 31.6967 |
| YIQ | 195.5530, 31.4550, -13.8970 |

Conversions

Conversions Part 2

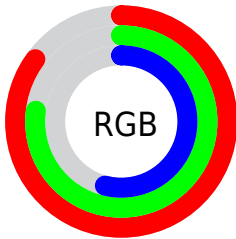
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 165, 217, 137 |
| Decimal | 14271625 |
| CIELab | 79.64, -1.01, 32.34 |
| CIELCh | 80, 32.354, 91.794 |
| Yxy | 56.0377, 0.3760, 0.3985 |
| Android (android.graphics.Color) | 4292461705 (0xFFD9C489) |
| YUV | 195.5530, -28.8666, 18.8090 |
| Hunter-Lab | 74.8583, -4.9321, 27.2961 |

Details

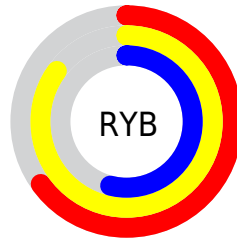
The YUV color **195.5530, -28.8666, 18.8090** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158.4470, 28.8666, -18.8090**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.9430, -27.0869, 7.9430**, and **141.2970, -27.2614, 17.2795** is the 20% darker color. If you saturate the color by 10%, you get **189.5230, -36.7398, 24.0973**, and if you desaturate by 10%, it is **201.5830, -20.9934, 13.5207**.

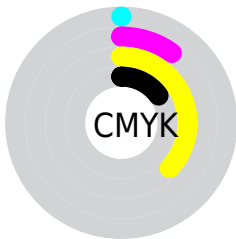
Distribution



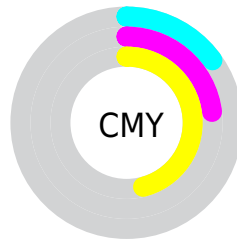
- Red (85%)
- Green (77%)
- Blue (54%)



- Red (65%)
- Yellow (85%)
- Blue (54%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.5530, -28.8666, 18.8090 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 195.5530, -28.8666, 18.8090 by changing the saturation by 10% instead.

■ 195.5530,
-28.8666, 18.8090

■ 195.5530,
-28.8666, 18.8090

■ 255.0000, 0.0000,
0.0000

■ 168.3680,
-28.2824, 18.0943

■ 245.9430,
-27.0869, 7.9430

■ 141.2970,
-27.2614, 17.2795

■ 250.8960,
-15.7247, 3.5992

■ 115.8130,
-26.5298, 15.9500

■ 254.2020, -3.0576,
0.6998

■ 90.4430, -25.3614,
14.5205

■ 66.8450, -25.0666,
13.2909

■ 44.9310, -22.1510,
11.4615

■ 25.4280, -12.5360,

7.5176

■ 0.0000, 0.0000,
0.0000

■ 195.5530,
-28.8666, 18.8090

■ 195.5530,
-28.8666, 18.8090

■ 189.5230,
-36.7398, 24.0973

■ 201.5830,
-20.9934, 13.5207

■ 184.1940,
-44.4656, 28.7709

■ 206.9120,
-13.2676, 8.8472

■ 178.1640,
-52.3389, 34.0592

■ 212.9420, -5.3944,
3.5589

■ 172.1340,
-60.2121, 39.3475

■ 218.9720, 2.4788,
-1.7294

■ 166.6910,
-68.3747, 44.1210

■ 224.4150, 10.6414,
-6.5030

■ 160.7750,
-75.8111, 49.3093

■ 228.9630, 12.8362,
-10.4916

■ 158.8030,
-78.2899, 51.0388

■ 232.4850, 11.0999,
-13.5803

■ 236.0070, 9.3635,
-16.6691

■ 238.9420, 7.9166,
-19.2431

Harmonies

Analogous

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



198.0700, -26.1635, 38.5266



195.5530, -28.8666, 18.8090



192.1800, -23.2597, -6.2969

Triad

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



195.5530, -28.8666, 18.8090



181.5210, 22.9141, -69.7399



201.9990, 11.8325, 31.5729

Complementary

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



195.5530, -28.8666, 18.8090



158.4470, 28.8666, -18.8090

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.



200.3250, 23.9968, 3.2230



195.5530, -28.8666, 18.8090



186.4760, 31.3173, -58.2995

Square

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



195.5530, -28.8666, 18.8090



183.4720, 7.1623, -57.4189



194.6090, 29.7728, -29.4751



201.4280, -2.1830, 46.9826

Rectangle

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



195.5530, -28.8666, 18.8090



189.5350, -15.0538, -25.0252



194.6090, 29.7728, -29.4751



201.7960, 16.3696, 22.9809

Sweetspot

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



195.5530, -28.8666, 18.8090



247.6990, -10.2046, 6.4030



163.3140, -2.6198, 47.0826



123.1270, -5.9786, 4.2736



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.



195.5530, -28.8666, 18.8090



225.2090, -40.5290, 26.1267



202.1990, -32.1431, -3.6825



106.9850, -3.9366, 2.6442



126.8630, -62.5435, 40.4621



33.7120, -16.6200, 10.7766

Inverse Universe

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



158.4470, 28.8666, -18.8090



172.7910, 40.5290, -26.1267



151.8010, 32.1431, 3.6825



102.0150, 3.9366, -2.6442



46.7240, 62.2541, -40.9769



12.2880, 16.6200, -10.7766

Previews

White Background



This preview shows how the YUV color 195.5530, -28.8666, 18.8090 looks on a white background.

Color Contrast Check

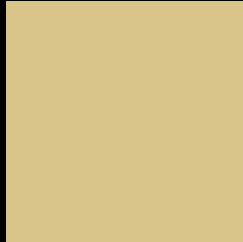
Large Text (above 18pt) WCAG AA × Fail

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 195.5530, -28.8666, 18.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

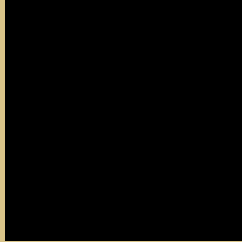
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.5530, -28.8666, 18.8090

Background



This preview shows how black text looks on a background with the YUV color 195.5530, -28.8666, 18.8090.



This preview shows how white text looks on a background with the YUV color 195.5530, -28.8666, 18.8090.

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

195.5530, -28.8666, 18.8090

Protanopia

195.0580, -28.1296, 15.7351

Deuteranopia

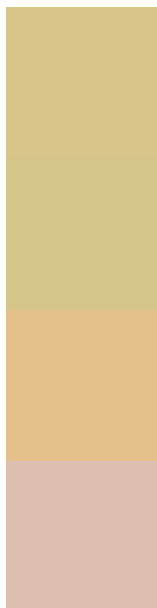
196.9400, -29.0574, 33.3786



Tritanopia

200.3600, 0.8085, 20.7323

Trichromacy



Original Color

195.5530, -28.8666, 18.8090

Protanomaly

195.3570, -28.2770, 16.3499

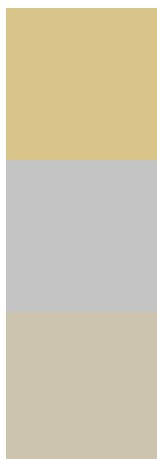
Deuteranomaly

196.6080, -28.8937, 27.5308

Tritanomaly

198.4880, -10.1006, 19.7430

Monochromacy



Original Color

195.5530, -28.8666, 18.8090

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9980, -10.3520, 7.0178

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.5530, -28.8666, 18.8090 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(217, 196, 137)` looks like.

```
.text, #text, p{  
    color:rgb(217, 196, 137)  
}
```

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(217, 196, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 196, 137) }
```

Border

The CSS property to change the border of an element to YUV 195.5530, -28.8666, 18.8090 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(217, 196, 137) }
```


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

```
.border{ border-color:rgb(217, 196, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 196, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 196, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 196, 137); box-shadow:4px 4px 4px 4px rgb(217, 196, 137) }
```

Background

The CSS property to change the background color of an element to YUV 195.5530, -28.8666, 18.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 196, 137) }
```

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

```
.background{ background-color: rgb(217,  
196, 137) }
```

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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