

Converting Colors

YUV(177.7700, -27.9876,
16.8647)

Have a look what the booklet for
YUV(177.7700, -27.9876, 16.8647)
contains.

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Color

**YUV(177.7700, -27.9876,
16.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B379
RGB	197, 179, 121
RGB Percent	77%, 70%, 47%
CMY	0.2275, 0.2980, 0.5255
CMYK	0.00, 0.09, 0.39, 0.23
HSL	46°, 40%, 62%
HSV	46°, 39%, 77%
XYZ	42.5972, 45.4910, 24.6247
YIQ	177.7700, 29.3460, -14.2220

Conversions

Conversions Part 2

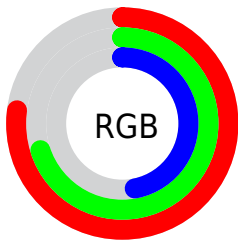
Format	Color
RYB	145, 197, 121
Decimal	12956537
CIELab	73.21, -1.91, 31.97
CIElCh	73, 32.022, 93.417
Yxy	45.4910, 0.3779, 0.4036
Android (android.graphics.Color)	4291146617 (0xFFC5B379)
YUV	177.7700, -27.9876, 16.8647
Hunter-Lab	67.4470, -5.2977, 25.5663

Details

The YUV color $177.7700, -27.9876, 16.8647$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $140.2300, 27.9876, -16.8647$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.0260, -29.5928, 18.3942$, and $124.5140, -26.3824, 15.3352$ is the 20% darker color. If you saturate the color by 10%, you get $172.5550, -35.2766, 21.4383$, and if you desaturate by 10%, it is $182.9850, -20.6986, 12.2912$.

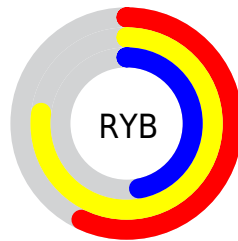
Distribution



Red (77%)

Green (70%)

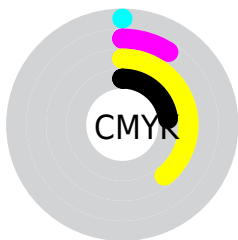
Blue (47%)



Red (57%)

Yellow (77%)

Blue (47%)

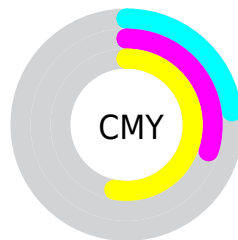


Cyan (0%)

Magenta (9%)

Yellow (39%)

Black (23%)



Cyan (23%)

Magenta (30%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7700, -27.9876, 16.8647 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 177.7700, -27.9876, 16.8647 by changing the saturation by 10% instead.

■ 177.7700,
-27.9876, 16.8647

■ 177.7700,
-27.9876, 16.8647

255.0000, 0.0000,
0.0000

■ 150.6990,
-26.9666, 16.0500

■ 234.0260,
-29.5928, 18.3942

■ 124.5140,
-26.3824, 15.3352

■ 248.9580,
-23.1503, 5.2988

■ 99.7310, -25.5034,
13.3909

■ 252.1500,
-10.9200, 2.4994

■ 75.5460, -24.9192,
12.6762

■ 51.7200, -25.4980,
11.6466

■ 32.2170, -15.8830,
7.7027

■ 11.5180, -5.6784,

1.2997

■ 0.0000, 0.0000,
0.0000

■ 177.7700,
-27.9876, 16.8647

■ 177.7700,
-27.9876, 16.8647

■ 172.5550,
-35.2766, 21.4383

■ 182.9850,
-20.6986, 12.2912

■ 168.0410,
-42.4182, 25.3970

■ 187.4990,
-13.5570, 8.3324

■ 162.8260,
-49.7072, 29.9706

■ 192.7140, -6.2680,
3.7588

■ 157.6110,
-56.9962, 34.5442

■ 197.9290, 1.0210,
-0.8147

■ 152.9830,
-64.5746, 38.6029

■ 202.5570, 8.5994,
-4.8735

■ 147.8820,
-71.4268, 43.0765

■ 207.6580, 15.4516,
-9.3471

■ 146.9530,
-72.4478, 43.8912

■ 212.4170, 20.9934,
-13.5207

■ 214.7650, 19.8359,
-15.5799

■ 217.7000, 18.3889,
-18.1539

Harmonies

Analogous

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



180.1730, -25.7213, 36.6823



177.7700, -27.9876, 16.8647



174.5110, -21.9439, -8.3411

Triad

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



177.7700, -27.9876, 16.8647



163.3360, 23.4984, -70.4547



184.4720, 11.1063, 31.1581

Complementary

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



177.7700, -27.9876, 16.8647



140.2300, 27.9876, -16.8647

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.



182.6950, 22.8284, 4.6525



177.7700, -27.9876, 16.8647



168.9600, 30.5857, -56.9699

Square

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



177.7700, -27.9876, 16.8647



165.4010, 8.1833, -58.2337



177.0330, 30.0567, -27.2159



183.7870, -3.3460, 46.6678

Rectangle

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



177.7700, -27.9876, 16.8647



171.8770, -13.7434, -25.3251



177.0330, 30.0567, -27.2159



184.4540, 15.0592, 23.2808

Sweetspot

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



177.7700, -27.9876, 16.8647



247.3570, -11.5150, 6.7029



145.8900, -2.9038, 44.8235



123.0130, -6.4154, 4.3736



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.



177.7700, -27.9876, 16.8647



225.2260, -43.0024, 26.1118



182.6550, -30.3959, -4.0824



96.8000, -3.3524, 1.9294



122.1120, -60.2012, 35.8588



26.6130, -13.1202, 8.2324

Inverse Universe

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



140.2300, 27.9876, -16.8647



167.1870, 43.2918, -25.5970



135.3450, 30.3959, 4.0824



92.2000, 3.3524, -1.9294



41.4750, 59.9118, -36.3736



8.8000, 13.4096, -7.7176

Previews

White Background



This preview shows how the YUV color 177.7700, -27.9876, 16.8647 looks on a white background.

Color Contrast Check

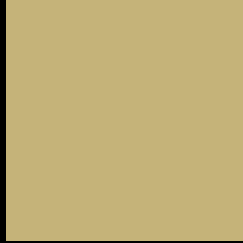
Large Text (above 18pt) WCAG AA × Fail

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 177.7700, -27.9876, 16.8647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

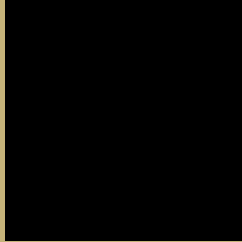
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.7700, -27.9876, 16.8647

Background



This preview shows how black text looks on a background with the YUV color 177.7700, -27.9876, 16.8647.



This preview shows how white text looks on a background with the YUV color 177.7700, -27.9876, 16.8647.

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

177.7700, -27.9876, 16.8647

Protanopia

177.7590, -27.9822, 15.1204

Deuteranopia

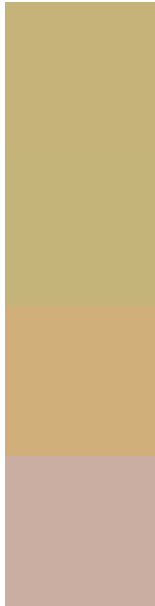
179.1570, -28.1784, 31.4343



Tritanopia

182.3490, 0.8139, 18.9879

Trichromacy



Original Color

177.7700, -27.9876, 16.8647

Protanomaly

178.0580, -28.1296, 15.7351

Deuteranomaly

178.8250, -28.0147, 25.5865

Tritanomaly

180.5910, -9.6584, 17.8987

Monochromacy



Original Color

177.7700, -27.9876, 16.8647

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.6990, -10.2046, 6.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7700, -27.9876, 16.8647 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(197, 179, 121)` looks like.

```
.text, #text, p{  
    color:rgb(197, 179, 121)  
}
```

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(197, 179, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 179, 121) }
```

Border

The CSS property to change the border of an element to YUV 177.7700, -27.9876, 16.8647 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(197, 179, 121) }
```


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

```
.border{ border-color:rgb(197, 179, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 179, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 179, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 179, 121);  
box-shadow:4px 4px 4px 4px rgb(197, 179,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 177.7700, -27.9876, 16.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 179, 121) }
```

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

```
.background{ background-color: rgb(197,  
179, 121) }
```

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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