

Converting Colors

YUV(176.9980, -27.1140,
16.6648)

Have a look what the booklet for
YUV(176.9980, -27.1140, 16.6648)
contains.

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Color

**YUV(176.9980, -27.1140,
16.6648)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B27A
RGB	196, 178, 122
RGB Percent	77%, 70%, 48%
CMY	0.2314, 0.3020, 0.5216
CMYK	0.00, 0.09, 0.38, 0.23
HSL	45°, 39%, 62%
HSV	45°, 38%, 77%
XYZ	42.1982, 44.9817, 24.8706
YIQ	176.9980, 28.7040, -13.6000

Conversions

Conversions Part 2

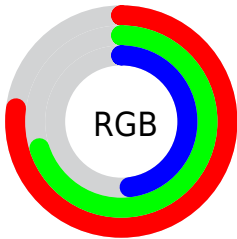
Format	Color
RYB	146, 196, 122
Decimal	12890746
CIELab	72.88, -1.67, 30.98
CIELCh	73, 31.029, 93.079
Yxy	44.9817, 0.3766, 0.4014
Android (android.graphics.Color)	4291080826 (0xFFC4B27A)
YUV	176.9980, -27.1140, 16.6648
Hunter-Lab	67.0684, -5.0608, 24.9617

Details

The YUV color **176.9980, -27.1140, 16.6648** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **141.0020, 27.1140, -16.6648**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2540, -28.7192, 18.1942**, and **124.3290, -25.7982, 14.6205** is the 20% darker color. If you saturate the color by 10%, you get **171.7830, -34.4030, 21.2383**, and if you desaturate by 10%, it is **182.2130, -19.8250, 12.0912**.

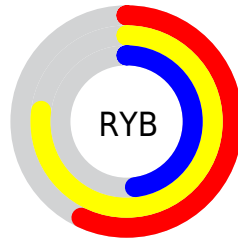
Distribution



Red (77%)

Green (70%)

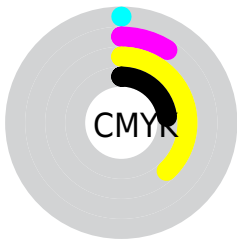
Blue (48%)



Red (57%)

Yellow (77%)

Blue (48%)

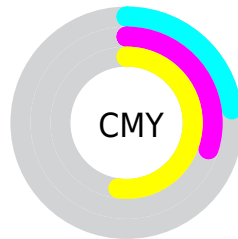


Cyan (0%)

Magenta (9%)

Yellow (38%)

Black (23%)



Cyan (23%)

Magenta (30%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9980, -27.1140, 16.6648 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 176.9980, -27.1140, 16.6648 by changing the saturation by 10% instead.

■ 176.9980,
-27.1140, 16.6648

■ 176.9980,
-27.1140, 16.6648

255.0000, 0.0000,
0.0000

■ 149.9270,
-26.0930, 15.8500

■ 233.2540,
-28.7192, 18.1942

■ 124.3290,
-25.7982, 14.6205

■ 249.0720,
-22.7135, 5.1989

■ 99.2580, -24.7772,
13.8057

■ 252.2640,
-10.4832, 2.3995

■ 74.7740, -24.0456,
12.4762

■ 51.0620, -24.1876,
11.3466

■ 31.6300, -15.5936,
8.2175

■ 10.0450, -4.9522,

1.7145

■ 0.0000, 0.0000,
0.0000

■ 176.9980,
-27.1140, 16.6648

■ 176.9980,
-27.1140, 16.6648

■ 171.7830,
-34.4030, 21.2383

■ 182.2130,
-19.8250, 12.0912

■ 166.6820,
-41.2552, 25.7119

■ 187.3140,
-12.9728, 7.6176

■ 162.0540,
-48.8336, 29.7706

■ 191.9420, -5.3944,
3.5589

■ 156.9530,
-55.6858, 34.2442

■ 197.0430, 1.4578,
-0.9147

■ 151.7380,
-62.9748, 38.8178

■ 202.2580, 8.7468,
-5.4883

■ 146.5230,
-70.2638, 43.3913

■ 207.4730, 16.0358,
-10.0618

■ 145.4800,
-71.7216, 44.3060

■ 211.5310, 21.4302,
-13.6207

■ 214.4660, 19.9833,
-16.1947

■ 217.4010, 18.5363,
-18.7687

Harmonies

Analogous

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



179.1020, -24.7003, 35.8675



176.9980, -27.1140, 16.6648



173.4510, -20.9283, -7.4115

Triad

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



176.9980, -27.1140, 16.6648



163.1300, 22.6139, -66.7660



183.6460, 10.5275, 30.1285

Complementary

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



176.9980, -27.1140, 16.6648



141.0020, 27.1140, -16.6648

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.



182.0540, 21.6654, 4.3376



176.9980, -27.1140, 16.6648



168.7430, 29.7067, -55.0256

Square

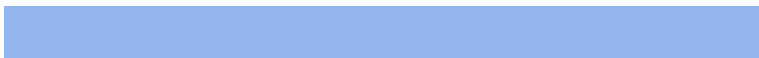
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



176.9980, -27.1140, 16.6648



165.5970, 7.5937, -55.7746



176.6910, 28.7463, -26.9160



182.8900, -2.9038, 44.8235

Rectangle

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



176.9980, -27.1140, 16.6648



171.2900, -13.4540, -24.8103



176.6910, 28.7463, -26.9160



183.0410, 14.7698, 22.7660

Sweetspot

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



176.9980, -27.1140, 16.6648



247.6990, -10.2046, 6.4030



146.2920, -2.6090, 43.5939



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.



176.9980, -27.1140, 16.6648



225.4540, -42.1288, 25.9118



182.1820, -29.6697, -3.6676



94.6860, -3.7892, 2.0294



119.7530, -59.0382, 36.1736



24.5420, -12.0992, 7.4177

Inverse Universe

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



141.0020, 27.1140, -16.6648



169.5460, 42.1288, -25.9118



136.1170, 29.5223, 4.2824



89.9010, 3.4998, -2.5442



41.2470, 59.0382, -36.1736



8.4580, 12.0992, -7.4177

Previews

White Background



This preview shows how the YUV color 176.9980, -27.1140, 16.6648 looks on a white background.

Color Contrast Check

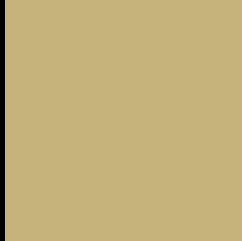
Large Text (above 18pt) WCAG AA × Fail

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 176.9980, -27.1140, 16.6648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

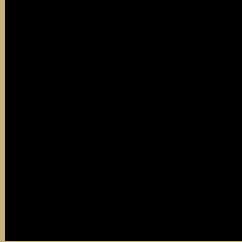
Any Text WCAG AA ✓ Pass

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 176.9980, -27.1140, 16.6648 Background



This preview shows how black text looks on a background with the YUV color 176.9980, -27.1140, 16.6648.



This preview shows how white text looks on a background with the YUV color 176.9980, -27.1140,

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

176.9980, -27.1140, 16.6648

Protanopia

176.9870, -27.1086, 14.9204

Deuteranopia

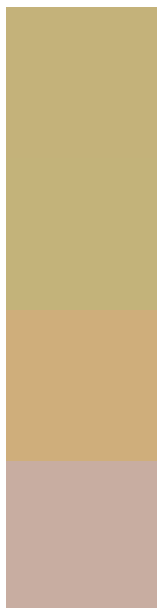
178.3850, -27.3048, 31.2344



Tritanopia

181.3490, 0.8139, 18.9879

Trichromacy



Original Color

176.9980, -27.1140, 16.6648

Protanomaly

177.2860, -27.2560, 15.5352

Deuteranomaly

178.0530, -27.1411, 25.3865

Tritanomaly

179.7050, -9.2216, 17.7987

Monochromacy



Original Color

176.9980, -27.1140, 16.6648

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8130, -9.7678, 6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9980, -27.1140, 16.6648 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(196, 178, 122)` looks like.

```
.text, #text, p{  
    color:rgb(196, 178, 122)  
}
```

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(196, 178, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 178, 122) }
```

Border

The CSS property to change the border of an element to YUV 176.9980, -27.1140, 16.6648 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(196, 178, 122) }
```


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

```
.border{ border-color:rgb(196, 178, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 178, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 178, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 178, 122);  
box-shadow:4px 4px 4px 4px rgb(196, 178,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 176.9980, -27.1140, 16.6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 178, 122) }
```

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

```
.background{ background-color: rgb(196,  
178, 122) }
```

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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