

Converting Colors

YUV(178.0580, -28.1296,
15.7351)

Have a look what the booklet for
YUV(178.0580, -28.1296, 15.7351)
contains.

YUV(178.0580, -28.1296, 15.7351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(178.0580, -28.1296,
15.7351)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B479
RGB	196, 180, 121
RGB Percent	77%, 71%, 47%
CMY	0.2314, 0.2941, 0.5255
CMYK	0.00, 0.08, 0.38, 0.23
HSL	47°, 39%, 62%
HSV	47°, 38%, 77%
XYZ	42.5374, 45.7588, 24.6795
YIQ	178.0580, 28.4750, -14.9570

Conversions

Conversions Part 2

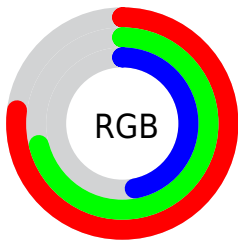
Format	Color
RYB	141, 196, 121
Decimal	12891257
CIELab	73.39, -2.84, 32.18
CIELCh	73, 32.301, 95.045
Yxy	45.7588, 0.3765, 0.4050
Android (android.graphics.Color)	4291081337 (0xFFC4B479)
YUV	178.0580, -28.1296, 15.7351
Hunter-Lab	67.6452, -6.1328, 25.7204

Details

The YUV color $178.0580, -28.1296, 15.7351$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $138.9420, 28.1296, -15.7351$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.3140, -29.7348, 17.2646$, and $124.8020, -26.5244, 14.2056$ is the 20% darker color. If you saturate the color by 10%, you get $173.4300, -35.7080, 19.7939$, and if you desaturate by 10%, it is $182.6860, -20.5512, 11.6764$.

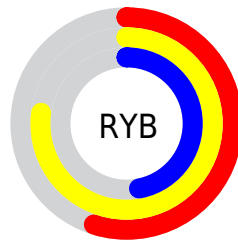
Distribution



Red (77%)

Green (71%)

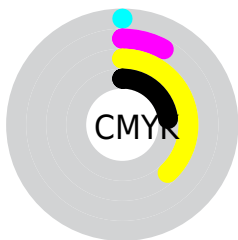
Blue (47%)



Red (55%)

Yellow (77%)

Blue (47%)

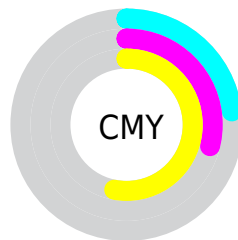


Cyan (0%)

Magenta (8%)

Yellow (38%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.0580, -28.1296, 15.7351 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 178.0580, -28.1296, 15.7351 by changing the saturation by 10% instead.

■ 178.0580,
-28.1296, 15.7351

■ 178.0580,
-28.1296, 15.7351

255.0000, 0.0000,
0.0000

■ 150.9870,
-27.1086, 14.9204

■ 234.3140,
-29.7348, 17.2646

■ 124.8020,
-26.5244, 14.2056

■ 248.9580,
-23.1503, 5.2988

■ 99.7310, -25.5034,
13.3909

■ 252.1500,
-10.9200, 2.4994

■ 75.8340, -25.0612,
11.5466

■ 52.0080, -25.6399,
10.5170

■ 32.8040, -16.1724,
7.1879

■ 11.8060, -5.8204,

0.1701

0.0000, 0.0000,
0.0000

178.0580,
-28.1296, 15.7351

178.0580,
-28.1296, 15.7351

173.4300,
-35.7080, 19.7939

182.6860,
-20.5512, 11.6764

168.9160,
-42.8496, 23.7527

187.2000,
-13.4096, 7.7176

163.7010,
-50.1386, 28.3262

192.4150, -6.1206,
3.1440

159.1870,
-57.2802, 32.2850

196.9290, 1.0210,
-0.8147

154.5590,
-64.8586, 36.3438

201.5570, 8.5994,
-4.8735

■ 149.9310,
-72.4370, 40.4025

■ 206.1850, 16.1778,
-8.9322

■ 149.0020,
-73.4580, 41.2172

■ 210.3570, 22.0090,
-12.5911

■ 212.7050, 20.8514,
-14.6503

■ 215.6400, 19.4045,
-17.2243

Harmonies

Analogous

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



180.6460, -26.4475, 36.2675



178.0580, -28.1296, 15.7351



174.9130, -21.6491, -9.5707

Triad

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



178.0580, -28.1296, 15.7351



163.5640, 24.3719, -70.6546



184.9560, 10.3747, 32.4876

Complementary

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



178.0580, -28.1296, 15.7351



138.9420, 28.1296, -15.7351

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.



183.5920, 22.3861, 6.4968



178.0580, -28.1296, 15.7351



169.7860, 31.1645, -55.9403

Square

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



178.0580, -28.1296, 15.7351



165.6180, 9.0623, -60.1780



178.0440, 30.0513, -25.4716



183.9720, -3.9302, 47.3826

Rectangle

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



178.0580, -28.1296, 15.7351



171.9800, -13.3011, -27.1695



178.0440, 30.0513, -25.4716



184.4650, 15.0538, 25.0252

Sweetspot

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



178.0580, -28.1296, 15.7351



248.2860, -10.4940, 5.8882



145.2490, -4.0668, 44.5086



123.7140, -6.2680, 3.7588



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.



178.0580, -28.1296, 15.7351



226.9870, -43.8706, 24.5674



181.1710, -29.6643, -5.4120



94.6860, -3.7892, 2.0294



122.1010, -60.1958, 34.1144



25.1290, -12.3886, 6.9029

Inverse Universe

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



138.9420, 28.1296, -15.7351



166.0130, 43.8706, -24.5674



135.8290, 29.6643, 5.4120



89.3140, 3.7892, -2.0294



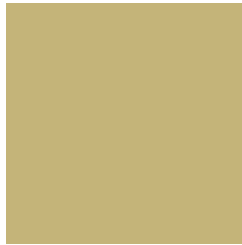
38.3120, 60.4852, -33.5996



7.8710, 12.3886, -6.9029

Previews

White Background



This preview shows how the YUV color 178.0580, -28.1296, 15.7351 looks on a white background.

Color Contrast Check

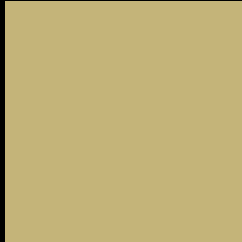
Large Text (above 18pt) WCAG AA × Fail

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 178.0580, -28.1296, 15.7351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

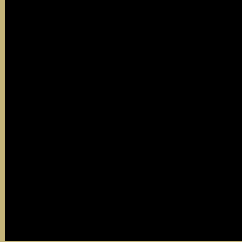
Any Text WCAG AA ✓ Pass

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 178.0580, -28.1296, 15.7351 Background



This preview shows how black text looks on a background with the YUV color 178.0580, -28.1296, 15.7351.



This preview shows how white text looks on a background with the YUV color 178.0580, -28.1296, 15.7351.

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

178.0580, -28.1296, 15.7351

Protanopia

177.7590, -27.9822, 15.1204

Deuteranopia

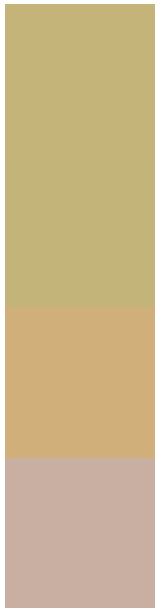
179.5700, -27.8890, 31.9491



Tritanopia

182.7510, 1.1088, 17.7584

Trichromacy



Original Color

178.0580, -28.1296, 15.7351

Protanomaly

177.7590, -27.9822, 15.1204

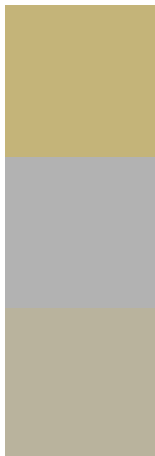
Deuteranomaly

179.1240, -28.1621, 26.2013

Tritanomaly

180.9930, -9.3635, 16.6691

Monochromacy



Original Color

178.0580, -28.1296, 15.7351

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.2860, -10.4940, 5.8882

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0580, -28.1296, 15.7351 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, 180, 121)` looks like.

```
.text, #text, p{  
    color:rgb(196, 180, 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(196, 180, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 180, 121) }
```

Border

The CSS property to change the border of an element to YUV 178.0580, -28.1296, 15.7351 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, 180, 121) }
```


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

```
.border{ border-color:rgb(196, 180, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 180, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 180, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 180, 121);  
box-shadow:4px 4px 4px 4px rgb(196, 180,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 178.0580, -28.1296, 15.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 180, 121) }
```

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

```
.background{ background-color: rgb(196,  
180, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor