

Converting Colors

YUV(178.0000, -16.7620,
9.6470)

Have a look what the booklet for
YUV(178.0000, -16.7620, 9.6470)
contains.

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Color

**YUV(178.0000, -16.7620,
9.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB390
RGB	189, 179, 144
RGB Percent	74%, 70%, 56%
CMY	0.2588, 0.2980, 0.4353
CMYK	0.00, 0.05, 0.24, 0.26
HSL	47°, 25%, 65%
HSV	47°, 24%, 74%
XYZ	42.1404, 45.0726, 32.8644
YIQ	178.0000, 17.1950, -8.7650

Conversions

Conversions Part 2

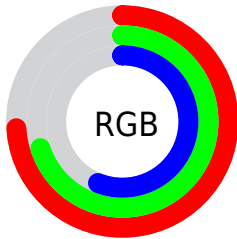
Format	Color
RYB	157, 189, 144
Decimal	12432272
CIELab	72.94, -2.10, 19.19
CIELCh	73, 19.300, 96.243
Yxy	45.0726, 0.3509, 0.3754
Android (android.graphics.Color)	4290622352 (0xFFBDB390)
YUV	178.0000, -16.7620, 9.6470
Hunter-Lab	67.1362, -5.4464, 17.9717

Details

The YUV color **178.0000, -16.7620, 9.6470** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **155.0000, 16.7620, -9.6470**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0710, -17.7830, 10.4617**, and **124.9290, -15.7410, 8.8323** is the 20% darker color. If you saturate the color by 10%, you get **173.4860, -23.9036, 13.6058**, and if you desaturate by 10%, it is **182.5140, -9.6204, 5.6882**.

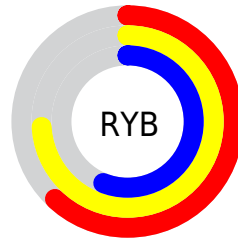
Distribution



Red (74%)

Green (70%)

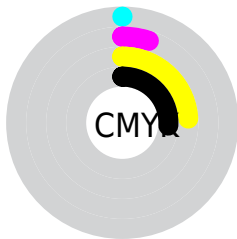
Blue (56%)



Red (62%)

Yellow (74%)

Blue (56%)

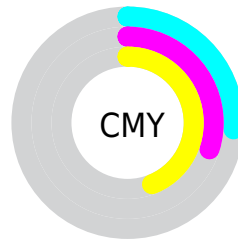


Cyan (0%)

Magenta (5%)

Yellow (24%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.0000, -16.7620, 9.6470 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 178.0000, -16.7620, 9.6470 by changing the saturation by 10% instead.

■ 178.0000,
-16.7620, 9.6470

■ 178.0000,
-16.7620, 9.6470

255.0000, 0.0000,
0.0000

■ 151.1140,
-16.3252, 9.5470

■ 234.0710,
-17.7830, 10.4617

■ 124.9290,
-15.7410, 8.8323

■ 251.6940,
-12.6671, 2.8994

■ 100.1570,
-14.8674, 8.6323

■ 76.5590, -14.5726,
7.4028

■ 53.4880, -13.5516,
6.5880

■ 31.6190, -15.5882,
6.4731

■ 10.3330, -5.0942,

0.5850

■ 0.0000, 0.0000,
0.0000

■ 178.0000,
-16.7620, 9.6470

■ 178.0000,
-16.7620, 9.6470

■ 173.4860,
-23.9036, 13.6058

■ 182.5140, -9.6204,
5.6882

■ 168.9720,
-31.0452, 17.5646

■ 187.0280, -2.4788,
1.7294

■ 163.8710,
-37.8974, 22.0381

■ 192.1290, 4.3734,
-2.7441

■ 159.3570,
-45.0390, 25.9969

■ 196.6430, 11.5150,
-6.7029

■ 154.8430,
-52.1806, 29.9557

■ 201.1570, 18.6566,
-10.6617

■ 150.4430,
-58.8854, 33.8145

■ 205.3290, 24.4878,
-14.3205

■ 145.9290,
-66.0270, 37.7733

■ 207.6770, 23.3302,
-16.3797

■ 142.8000,
-70.4004, 40.5174

■ 210.6120, 21.8833,
-18.9537

■ 212.9600, 20.7257,
-21.0129

Harmonies

Analogous

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



179.6040, -16.0738, 22.2723



178.0000, -16.7620, 9.6470



175.6390, -12.6400, -5.8224

Triad

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



178.0000, -16.7620, 9.6470



172.5100, 13.0596, -35.5273



182.0270, 5.9027, 20.1473

Complementary

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



178.0000, -16.7620, 9.6470



155.0000, 16.7620, -9.6470

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.



181.1760, 13.2242, 5.1076



178.0000, -16.7620, 9.6470



175.4060, 17.5478, -28.4201

Square

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



178.0000, -16.7620, 9.6470



172.0560, 4.9024, -32.4981



178.5050, 17.4990, -12.7209



182.3780, -3.1444, 28.6095

Rectangle

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



178.0000, -16.7620, 9.6470



174.5390, -7.6607, -16.2587



178.5050, 17.4990, -12.7209



182.2760, 8.2449, 15.5439

Sweetspot

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



178.0000, -16.7620, 9.6470



240.7140, -6.2680, 3.7588



158.7090, -1.8285, 26.5652



119.8000, -3.3524, 1.9294



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



178.0000, -16.7620, 9.6470



227.5140, -26.3824, 15.3352



180.2820, -17.8870, -2.8783



91.8000, -3.3524, 1.9294



119.4430, -58.8854, 33.8145



23.3570, -11.5150, 6.7029

Inverse Universe

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



155.0000, 16.7620, -9.6470



191.4860, 26.3824, -15.3352



152.7180, 17.8870, 2.8783



87.2000, 3.3524, -1.9294



38.5570, 58.8854, -33.8145



7.6430, 11.5150, -6.7029

Previews

White Background



This preview shows how the YUV color 178.0000, -16.7620, 9.6470 looks on a white background.

Color Contrast Check

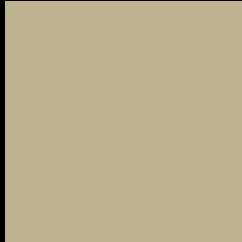
Large Text (above 18pt) WCAG AA × Fail

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 178.0000, -16.7620, 9.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

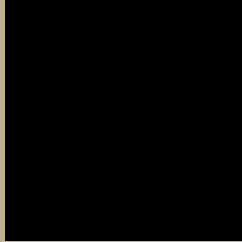
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

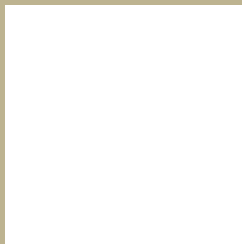
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.0000, -16.7620, 9.6470

Background



This preview shows how black text looks on a background with the YUV color 178.0000, -16.7620, 9.6470.

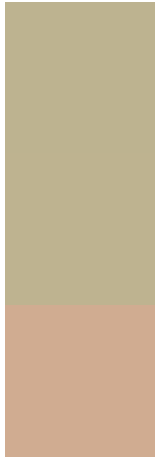


This preview shows how white text looks on a background with the YUV color 178.0000, -16.7620, 9.6470.

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

178.0000, -16.7620, 9.6470

Protanopia

178.2990, -16.9094, 10.2618

Deuteranopia

179.6860, -17.1002, 24.8314



Tritanopia

180.8750, 3.0196, 11.5106

Trichromacy



Original Color

178.0000, -16.7620, 9.6470

Protanomaly

178.2990, -16.9094, 10.2618

Deuteranomaly

179.3540, -16.9365, 18.9835

Tritanomaly

179.6270, -4.2531, 10.8511

Monochromacy



Original Color

178.0000, -16.7620, 9.6470

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.8280, -5.8312, 3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0000, -16.7620, 9.6470 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(189, 179, 144)` looks like.

```
.text, #text, p{  
    color:rgb(189, 179, 144)  
}
```

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(189, 179, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 179, 144) }
```

Border

The CSS property to change the border of an element to YUV 178.0000, -16.7620, 9.6470 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(189, 179, 144) }
```


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

```
.border{ border-color:rgb(189, 179, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 179, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 179, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 179, 144);  
box-shadow:4px 4px 4px 4px rgb(189, 179,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 178.0000, -16.7620, 9.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 179, 144) }
```

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

```
.background{ background-color: rgb(189,  
179, 144) }
```

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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