

Converting Colors

YUV(178.8290, -10.7617,
-1.6040)

Have a look what the booklet for
YUV(178.8290, -10.7617, -1.6040)
contains.

YUV(178.8290, -10.7617, -1.6040)	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(178.8290, -10.7617,
-1.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B89D
RGB	177, 184, 157
RGB Percent	69%, 72%, 62%
CMY	0.3059, 0.2784, 0.3843
CMYK	0.04, 0.00, 0.15, 0.28
HSL	76°, 16%, 67%
HSV	76°, 15%, 72%
XYZ	41.3578, 46.0624, 38.6094
YIQ	178.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

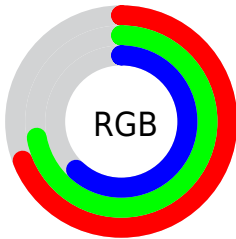
Format	Color
RYB	157, 184, 164
Decimal	11647133
CIELab	73.59, -7.26, 12.90
CIELCh	74, 14.801, 119.373
Yxy	46.0624, 0.3282, 0.3655
Android (android.graphics.Color)	4289837213 (0xFFB1B89D)
YUV	178.8290, -10.7617, -1.6040
Hunter-Lab	67.8693, -9.9981, 13.7797

Details

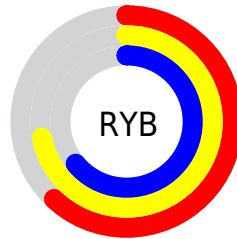
The YUV color $178.8290, -10.7617, -1.6040$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $162.1710, 10.7617, 1.6040$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.7150, -11.1985, -1.5041$, and $126.0570, -9.8881, -1.8040$ is the 20% darker color. If you saturate the color by 10%, you get $175.2820, -17.8870, -2.8783$, and if you desaturate by 10%, it is $182.3760, -3.6364, -0.3298$.

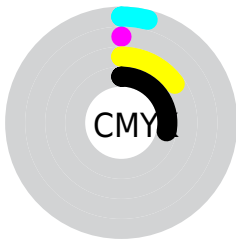
Distribution



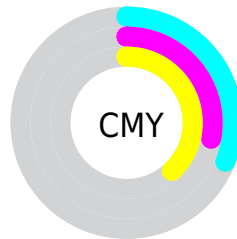
- Red (69%)
- Green (72%)
- Blue (62%)



- Red (62%)
- Yellow (72%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.8290, -10.7617, -1.6040 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 178.8290, -10.7617, -1.6040 by changing the saturation by 10% instead.

■ 178.8290,
-10.7617, -1.6040

■ 178.8290,
-10.7617, -1.6040

255.0000, 0.0000,
0.0000

■ 151.9430,
-10.3249, -1.7040

■ 234.7150,
-11.1985, -1.5041

■ 126.0570, -9.8881,
-1.8040

■ 253.2900, -6.5520,
1.4997

■ 101.0570, -9.8881,
-1.8040

■ 77.1710, -9.4513,
-1.9040

■ 54.3990, -8.5777,
-2.1039

■ 32.8120, -8.2883,
-1.5891

■ 10.2780, -5.0671,

-8.1368

■ 0.0000, 0.0000,
0.0000

■ 178.8290,
-10.7617, -1.6040

■ 178.8290,
-10.7617, -1.6040

■ 175.2820,
-17.8870, -2.8783

■ 182.3760, -3.6364,
-0.3298

■ 171.6210,
-25.4492, -4.0526

■ 186.0370, 3.9258,
0.8446

■ 168.3730,
-32.7219, -4.7121

■ 189.2850, 11.1985,
1.5041

■ 164.7120,
-40.2840, -5.8864

■ 192.9460, 18.7606,
2.6784

■ 161.1650,
-47.4093, -7.1607

■ 196.4930, 25.8860,
3.9526

■ 157.6180,
-54.5347, -8.4350

■ 198.6720, 27.7697,
6.4267

■ 154.2560,
-62.2442, -8.9945

■ 199.8680, 27.1801,
8.8858

■ 150.7090,
-69.3695, -10.2688

■ 201.3630, 26.4430,
11.9596

■ 148.6720,
-73.2953, -11.1133

■ 202.8580, 25.7060,
15.0335

Harmonies

Analogous

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



180.6240, -13.1256, 9.9768



178.8290, -10.7617, -1.6040



177.2450, -5.0508, -13.3699

Triad

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



178.8290, -10.7617, -1.6040



177.8860, 12.8742, -22.7020



183.9040, -0.9387, 21.1322

Complementary

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



178.8290, -10.7617, -1.6040



162.1710, 10.7617, 1.6040

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.



182.9830, 5.9244, 13.1699



178.8290, -10.7617, -1.6040



180.1800, 13.7153, -12.4359

Square

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



178.8290, -10.7617, -1.6040



176.1260, 8.8119, -26.4205



181.8720, 10.9091, 0.9893



182.9060, -7.3487, 23.7614

Rectangle

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



178.8290, -10.7617, -1.6040



176.0530, -0.5191, -20.2175



181.8720, 10.9091, 0.9893



183.4630, 1.2507, 18.8879

Sweetspot

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



178.8290, -10.7617, -1.6040



237.9630, -3.9258, -0.8446



169.1820, -6.0057, 12.9954



118.7180, -2.3260, -0.6297



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



178.8290, -10.7617, -1.6040



231.8090, -17.1608, -2.4635



174.9420, -8.8454, -9.5961



90.0770, -3.4890, -0.9445



125.9570, -62.0968, -9.6093



22.7150, -11.1985, -1.5041

Inverse Universe

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



162.1710, 10.7617, 1.6040



205.1910, 17.1608, 2.4635



166.0580, 8.8454, 9.5961



84.6240, 3.6364, 0.3298



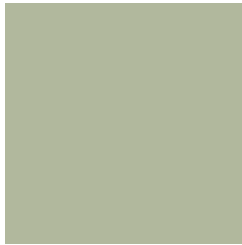
29.7440, 62.2442, 8.9945



5.2850, 11.1985, 1.5041

Previews

White Background



This preview shows how the YUV color 178.8290, -10.7617, -1.6040 looks on a white background.

Color Contrast Check

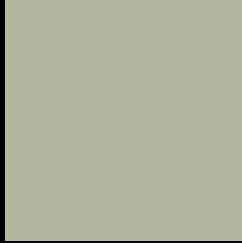
Large Text (above 18pt) WCAG AA × Fail

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 178.8290, -10.7617, -1.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

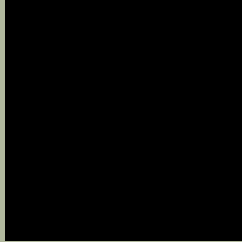
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

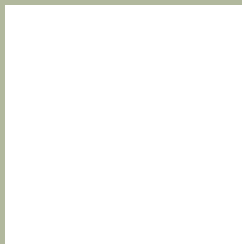
Any Text WCAG AAA ✓ Pass

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

YUV 178.8290, -10.7617, -1.6040 Background



This preview shows how black text looks on a background with the YUV color 178.8290, -10.7617, -1.6040.



This preview shows how white text looks on a background with the YUV color 178.8290, -10.7617, -1.6040.

-1.6040.

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

178.8290, -10.7617, -1.6040

Protanopia

180.1400, -12.3940, 8.6472

Deuteranopia

181.8580, -11.2690, 21.1725



Tritanopia

181.4930, 5.6730, 0.4446

Trichromacy



Original Color

178.8290, -10.7617, -1.6040

Protanomaly

179.3460, -11.5096, 4.9586

Deuteranomaly

180.8030, -11.2419, 12.4508

Tritanomaly

180.5870, -0.2894, -0.5148

Monochromacy



Original Color

178.8290, -10.7617, -1.6040

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.9630, -3.9258, -0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.8290, -10.7617, -1.6040 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(177, 184, 157)` looks like.

```
.text, #text, p{  
    color:rgb(177, 184, 157)  
}
```

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(177, 184, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 184, 157) }
```

Border

The CSS property to change the border of an element to YUV 178.8290, -10.7617, -1.6040 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(177, 184, 157) }
```


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

```
.border{ border-color:rgb(177, 184, 157) }
```

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

Here you see how a box with a 4 pixel rgb(177, 184, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 184, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 184, 157);  
box-shadow:4px 4px 4px 4px rgb(177, 184,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 178.8290, -10.7617, -1.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 184, 157) }
```

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

```
.background{ background-color: rgb(177,  
184, 157) }
```

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