

# Converting Colors

YUV(177.1690, -19.8033,  
5.1138)

Have a look what the booklet for  
YUV(177.1690, -19.8033, 5.1138)  
contains.

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# Color

**YUV(177.1690, -19.8033,  
5.1138)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7B689
RGB	183, 182, 137
RGB Percent	72%, 71%, 54%
CMY	0.2824, 0.2863, 0.4627
CMYK	0.00, 0.01, 0.25, 0.28
HSL	59°, 24%, 63%
HSV	59°, 25%, 72%
XYZ	40.7717, 45.3293, 30.2674
YIQ	177.1690, 15.0410, -13.7830

# Conversions

## Conversions Part 2

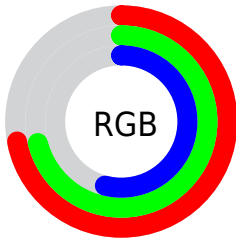
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 183, 137
Decimal	12039817
CIELab	73.11, -7.00, 23.11
CIELCh	73, 24.144, 106.849
Yxy	45.3293, 0.3504, 0.3895
Android (android.graphics.Color)	4290229897 (0xFFB7B689)
YUV	177.1690, -19.8033, 5.1138
Hunter-Lab	67.3271, -9.7268, 20.4746

# Details

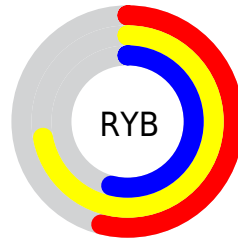
The YUV color **177.1690, -19.8033, 5.1138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **142.8310, 19.8033, -5.1138**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.9410, -20.6769, 5.3137**, and **124.2120, -18.3455, 4.1991** is the 20% darker color. If you saturate the color by 10%, you get **175.1170, -27.6657, 6.9134**, and if you desaturate by 10%, it is **179.2210, -11.9410, 3.3142**.

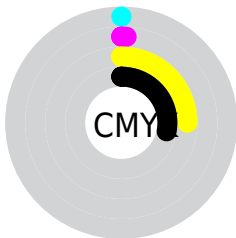
# Distribution



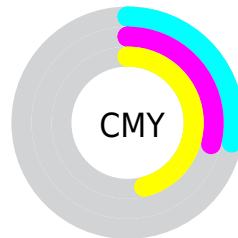
- Red (72%)
- Green (71%)
- Blue (54%)



- Red (54%)
- Yellow (72%)
- Blue (54%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (28%)



- Cyan (28%)
- Magenta (29%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 177.1690, -19.8033, 5.1138 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 177.1690, -19.8033, 5.1138 by changing the saturation by 10% instead.



■ 177.1690,  
-19.8033, 5.1138

■ 177.1690,  
-19.8033, 5.1138

255.0000, 0.0000,  
0.0000

■ 150.2830,  
-19.3665, 5.0138

■ 232.9410,  
-20.6769, 5.3137

■ 124.2120,  
-18.3455, 4.1991

■ 250.8960,  
-15.7247, 3.5992

■ 99.3260, -17.9087,  
4.0991

■ 254.0880, -3.4944,  
0.7998

■ 75.2550, -16.8877,  
3.2844

■ 52.3690, -16.4509,  
3.1844

■ 31.5970, -15.5773,  
2.9844

■ 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,  
0.0000

■ 177.1690,  
-19.8033, 5.1138

■ 177.1690,  
-19.8033, 5.1138

■ 175.1170,  
-27.6657, 6.9134

■ 179.2210,  
-11.9410, 3.3142

■ 172.3640,  
-35.6755, 9.3278

■ 181.9740, -3.9312,  
0.8998

■ 170.3120,  
-43.5378, 11.1274

■ 184.0260, 3.9312,  
-0.8998

■ 167.6730,  
-51.1108, 13.4418

■ 186.6650, 11.5042,  
-3.2142

■ 165.5070,  
-59.4100, 15.3414

■ 188.7170, 19.3665,  
-5.0138

■ 163.4550,  
-67.2723, 17.1410

■ 190.8830, 27.6657,  
-6.9134

■ 160.8160,  
-74.8453, 19.4554

■ 192.3820, 30.8707,  
-8.2280

■ 159.7900,  
-78.7765, 20.3552

■ 192.9690, 30.5813,  
-8.7428

# Harmonies

## Analogous

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



179.6380, -21.0205, 22.2425



177.1690, -19.8033, 5.1138



174.5840, -12.6129, -14.5442

# Triad

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



177.1690, -19.8033, 5.1138



171.1650, 19.6387, -45.7487



183.6970, 3.1074, 30.0837

# Complementary

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



177.1690, -19.8033, 5.1138



142.8310, 19.8033, -5.1138

# 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.



182.9320, 13.3445, 13.2146



177.1690, -19.8033, 5.1138



175.1760, 23.0842, -30.8494

# Square

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



177.1690, -19.8033, 5.1138



169.7600, 10.4713, -45.3935



180.0370, 20.6878, -8.8024



182.6950, -7.2446, 37.1015



# Rectangle

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



177.1690, -19.8033, 5.1138



172.6300, -5.7336, -27.7395



180.0370, 20.6878, -8.8024



183.2880, 6.7600, 25.1804

# Sweetspot

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



177.1690, -19.8033, 5.1138



234.8340, -8.2992, 1.8996



150.9820, -5.9071, 28.0798



118.6320, -5.2416, 1.1997



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.



177.1690, -19.8033, 5.1138



228.3190, -30.7233, 7.6132



171.4770, -16.9972, -8.3113



90.9740, -3.9312, 0.8998



135.8680, -66.9829, 17.6558



24.2210, -11.9410, 3.3142



# Inverse Universe

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



142.8310, 19.8033, -5.1138



175.2680, 30.4339, -8.1280



148.5230, 16.9972, 8.3113



84.0260, 3.9312, -0.8998



19.5450, 67.2723, -17.1410



3.7790, 11.9410, -3.3142



# Previews

## White Background



This preview shows how the YUV color 177.1690, -19.8033, 5.1138 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 177.1690, -19.8033, 5.1138 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

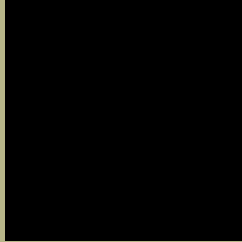
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 177.1690, -19.8033, 5.1138

## Background



This preview shows how black text looks on a background with the YUV color 177.1690, -19.8033, 5.1138.



This preview shows how white text looks on a background with the YUV color 177.1690, -19.8033, 5.1138.



# 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

177.1690, -19.8033, 5.1138

### Protanopia

177.9850, -20.6986, 12.2912

### Deuteranopia

179.6000, -20.0158, 26.6608



## Tritanopia

181.0810, 3.9041, 7.8220

# Trichromacy



## Original Color

177.1690, -19.8033, 5.1138

## Protanomaly

177.6750, -20.5458, 9.9320

## Deuteranomaly

178.8440, -20.1361, 18.5538

## Tritanomaly

179.7790, -4.8210, 6.3328

# Monochromacy



## Original Color

177.1690, -19.8033, 5.1138

## Achromatopsia

177.0000, 0.0000, 0.0000

## Achromatomaly

177.0620, -7.4256, 1.6996

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.1690, -19.8033, 5.1138 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(183, 182, 137)` looks like.

```
.text, #text, p{  
    color:rgb(183, 182, 137)  
}
```

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(183, 182, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 137) }
```

## Border

The CSS property to change the border of an element to YUV 177.1690, -19.8033, 5.1138 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(183, 182, 137) }
```



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

```
.border{ border-color:rgb(183, 182, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 182, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 182, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 182, 137);  
box-shadow:4px 4px 4px 4px rgb(183, 182,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 177.1690, -19.8033, 5.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 137) }
```

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

```
.background{ background-color: rgb(183,  
182, 137) }
```

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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