

# Converting Colors

YUV(179.2510, -4.0677, -1.9741)

Have a look what the booklet for  
YUV(179.2510, -4.0677, -1.9741)  
contains.

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# Color

**YUV(179.2510, -4.0677,  
-1.9741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1B6AB
RGB	177, 182, 171
RGB Percent	69%, 71%, 67%
CMY	0.3059, 0.2863, 0.3294
CMYK	0.03, 0.00, 0.06, 0.29
HSL	87°, 7%, 69%
HSV	87°, 6%, 71%
XYZ	42.2101, 45.7433, 45.1327
YIQ	179.2510, 0.5510, -4.4810

# Conversions

## Conversions Part 2

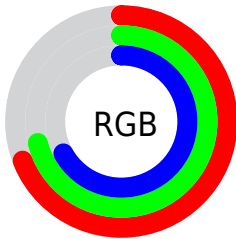
Format	Color
<a href="#">RYB</a>	<a href="#">171, 182, 176</a>
Decimal	<a href="#">11646635</a>
CIELab	<a href="#">73.38, -3.78, 4.98</a>
CIELCh	<a href="#">73, 6.252, 127.208</a>
Yxy	<a href="#">45.7433, 0.3172, 0.3437</a>
Android (android.graphics.Color)	<a href="#">4289836715</a> ( <a href="#">0xFFB1B6AB</a> )
YUV	<a href="#">179.2510, -4.0677, -1.9741</a>
Hunter-Lab	<a href="#">67.6338, -6.9577, 7.7788</a>

# Details

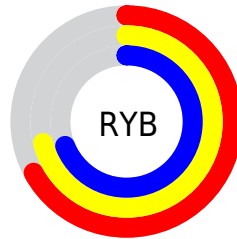
The YUV color  $179.2510, -4.0677, -1.9741$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $173.7490, 4.0677, 1.9741$ , and the grayscale version is  $179.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $235.1370, -4.5045, -1.8741$ , and  $126.3650, -3.6309, -2.0741$  is the 20% darker color. If you saturate the color by 10%, you get  $174.8070, -10.7509, -5.0927$ , and if you desaturate by 10%, it is  $183.6950, 2.6154, 1.1445$ .

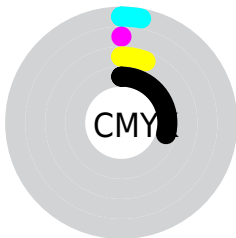
# Distribution



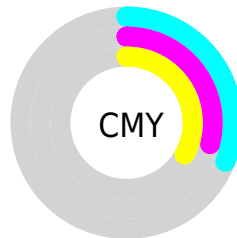
- Red (69%)
- Green (71%)
- Blue (67%)



- Red (67%)
- Yellow (71%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.2510, -4.0677, -1.9741 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 179.2510, -4.0677, -1.9741 by changing the saturation by 10% instead.



■ 179.2510, -4.0677,  
-1.9741

■ 179.2510, -4.0677,  
-1.9741

255.0000, 0.0000,  
0.0000

■ 152.2510, -4.0677,  
-1.9741

■ 235.1370, -4.5045,  
-1.8741

■ 126.3650, -3.6309,  
-2.0741

■ 101.6640, -3.7784,  
-1.4593

■ 77.7780, -3.3416,  
-1.5593

■ 54.7780, -3.3416,  
-1.5593

■ 33.7780, -3.3416,  
-1.5593

■ 10.6100, -5.2307,

-2.2890

■ 0.0000, 0.0000,  
0.0000

■ 179.2510, -4.0677,  
-1.9741

■ 179.2510, -4.0677,  
-1.9741

■ 174.8070,  
-10.7509, -5.0927

■ 183.6950, 2.6154,  
1.1445

■ 170.0640,  
-17.2866, -8.8261

■ 188.4380, 9.1511,  
4.8779

■ 165.5060,  
-24.4065, -11.8448

■ 192.9960, 16.2710,  
7.8965

■ 161.0620,  
-31.0896, -14.9634

■ 197.4400, 22.9541,  
11.0151

■ 156.6180,  
-37.7727, -18.0820

■ 201.0860, 26.5796,  
14.8336

■ 151.8750,  
-44.3084, -21.8154

■ 203.7770, 25.2529,  
20.3666

■ 147.4310,  
-50.9915, -24.9340

■ 206.1690, 24.0737,  
25.2848

■ 142.8730,  
-58.1114, -27.9526

■ 208.5610, 22.8944,  
30.2030

■ 138.4290,  
-64.7945, -31.0712

■ 210.9530, 21.7152,  
35.1212

# Harmonies

## Analogous

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



179.9420, -5.3944, 3.5589



179.2510, -4.0677, -1.9741



178.6140, -1.2887, -6.6775

# Triad

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



179.2510, -4.0677, -1.9741



179.4380, 5.7001, -8.2771



181.4250, -1.1955, 10.1513

# Complementary

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



179.2510, -4.0677, -1.9741



173.7490, 4.0677, 1.9741

# 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.



181.5000, 1.7255, 6.5775



179.2510, -4.0677, -1.9741



180.0580, 5.3944, -3.5589

# Square

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



179.2510, -4.0677, -1.9741



178.6720, 4.1057, -10.2363



180.7490, 4.0677, 1.9741



181.3280, -4.1057, 10.2363



# Rectangle

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



179.2510, -4.0677, -1.9741



178.6460, 0.1745, -9.3365



180.7490, 4.0677, 1.9741



181.3540, -0.1745, 9.3365

# Sweetspot

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



179.2510, -4.0677, -1.9741



235.8320, -1.8892, -0.7297



177.2240, -3.0684, 4.1886



119.3590, -1.1630, -0.3148



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.



179.2510, -4.0677, -1.9741



233.0830, -5.9569, -2.7038



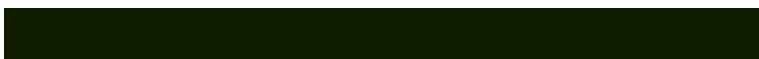
177.7560, -3.3307, -5.0480



89.8920, -2.9048, -1.6593



116.9870, -57.6746, -28.0526



20.9210, -10.3141, -5.1927



# Inverse Universe

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



173.7490, 4.0677, 1.9741



224.9170, 5.9569, 2.7038



175.2440, 3.3307, 5.0480



86.1080, 2.9048, 1.6593



39.0130, 57.6746, 28.0526



7.0790, 10.3141, 5.1927



# Previews

## White Background



This preview shows how the YUV color 179.2510, -4.0677, -1.9741 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

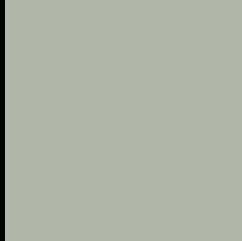
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 179.2510, -4.0677, -1.9741 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

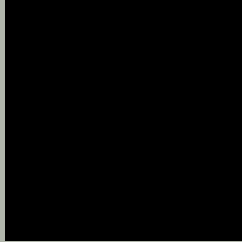
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

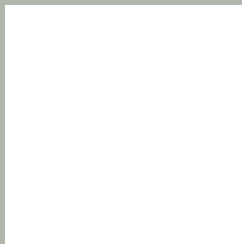
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 179.2510, -4.0677, -1.9741

## Background



This preview shows how black text looks on a background with the YUV color 179.2510, -4.0677, -1.9741.



This preview shows how white text looks on a background with the YUV color 179.2510, -4.0677, -1.9741.

-1.9741.

# 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

179.2510, -4.0677, -1.9741

### Protanopia

180.0670, -4.9630, 5.2032

### Deuteranopia

181.6600, -4.2694, 16.0842



## Tritanopia

180.8950, 5.9678, -0.7849

# Trichromacy



## Original Color

179.2510, -4.0677, -1.9741

## Protanomaly

179.7570, -4.8102, 2.8441

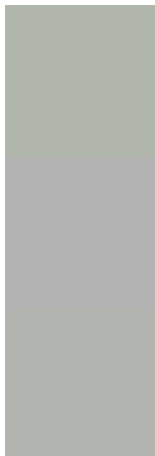
## Deuteranomaly

180.9150, -4.3951, 9.7215

## Tritanomaly

180.2710, 2.3314, -1.1147

# Monochromacy



## Original Color

179.2510, -4.0677, -1.9741

## Achromatopsia

179.0000, 0.0000, 0.0000

## Achromatomaly

178.9460, -1.4524, -0.8296

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.2510, -4.0677, -1.9741 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, 182, 171)` looks like.

```
.text, #text, p{  
    color:rgb(177, 182, 171)  
}
```

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, 182, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 182, 171) }
```

## Border

The CSS property to change the border of an element to YUV 179.2510, -4.0677, -1.9741 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, 182, 171) }
```



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

```
.border{ border-color:rgb(177, 182, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 182, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 182, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 182, 171);  
box-shadow:4px 4px 4px 4px rgb(177, 182,  
171) }
```

# Background

The CSS property to change the background color of an element to YUV 179.2510, -4.0677, -1.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 182, 171) }
```

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

```
.background{ background-color: rgb(177,  
182, 171) }
```

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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