

# Converting Colors

YUV(178.8570, 3.5215, -9.5216)

Have a look what the booklet for  
YUV(178.8570, 3.5215, -9.5216)  
contains.

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# Color

**YUV(178.8570, 3.5215,  
-9.5216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8B7BA
RGB	168, 183, 186
RGB Percent	66%, 72%, 73%
CMY	0.3412, 0.2824, 0.2706
CMYK	0.10, 0.02, 0.00, 0.27
HSL	190°, 12%, 69%
HSV	190°, 10%, 73%
XYZ	41.9449, 45.7370, 53.0718
YIQ	178.8570, -9.9030, -2.2470

# Conversions

## Conversions Part 2

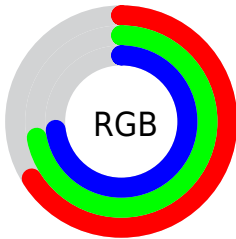
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	168, 176, 186
Decimal	11057082
CIE Lab	73.37, -4.56, -3.30
CIE LCh	73, 5.634, 215.899
Yxy	45.7370, 0.2980, 0.3249
Android (android.graphics.Color)	4289247162 (0xFFA8B7BA)
YUV	178.8570, 3.5215, -9.5216
Hunter-Lab	67.6291, -7.6419, 0.8127

# Details

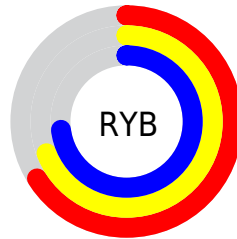
The YUV color  $178.8570, 3.5215, -9.5216$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $175.1430, -3.5215, 9.5216$ , and the grayscale version is  $179.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $234.5580, 3.6689, -10.1364$ , and  $126.1560, 3.3741, -8.9068$  is the 20% darker color. If you saturate the color by 10%, you get  $171.4150, 7.1904, -19.6580$ , and if you desaturate by 10%, it is  $186.2990, -0.1474, 0.6148$ .

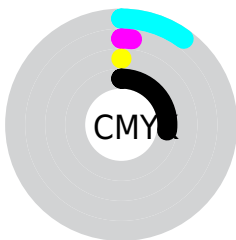
# Distribution



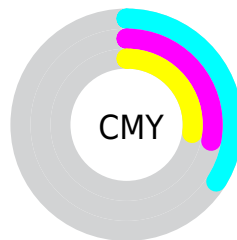
- Red (66%)
- Green (72%)
- Blue (73%)



- Red (66%)
- Yellow (69%)
- Blue (73%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (28%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 178.8570, 3.5215, -9.5216 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 178.8570, 3.5215, -9.5216 by changing the saturation by 10% instead.



■ 178.8570, 3.5215,  
-9.5216

■ 178.8570, 3.5215,  
-9.5216

255.0000, 0.0000,  
0.0000

■ 152.1560, 3.3741,  
-8.9068

■ 234.5580, 3.6689,  
-10.1364

■ 126.1560, 3.3741,  
-8.9068

■ 254.1030, 0.4422,  
-1.8443

■ 101.1560, 3.3741,  
-8.9068

■ 77.4550, 3.2267,  
-8.2920

■ 54.3410, 2.7899,  
-8.1921

■ 32.7540, 3.0793,  
-7.6773

■ 10.8570, 3.5215,

-9.5216

■ 0.0000, 0.0000,  
0.0000

■ 178.8570, 3.5215,  
-9.5216

■ 178.8570, 3.5215,  
-9.5216

■ 171.4150, 7.1904,  
-19.6580

■ 186.2990, -0.1474,  
0.6148

■ 164.2720, 10.7119,  
-29.1795

■ 193.4420, -3.6689,  
10.1364

■ 156.8300, 14.3808,  
-39.3159

■ 200.8840, -7.3378,  
20.2727

■ 149.6870, 17.9023,  
-48.8375

■ 208.0270,  
-10.8593, 29.7943

■ 142.2450, 21.5712,  
-58.9739

■ 213.6750,  
-13.6438, 36.2420

■ 134.2160, 25.5295,  
-68.5954

■ 216.0230,  
-14.8013, 34.1828

■ 127.0730, 29.0510,  
-78.1170

■ 217.7840,  
-15.6695, 32.6384

■ 119.6310, 32.7199,  
-88.2534

■ 219.5450,  
-16.5377, 31.0940

■ 112.4880, 36.2414,  
-97.7750

■ 221.3060,  
-17.4059, 29.5496

# Harmonies

## Analogous

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



178.2870, 1.3375, -9.0217



178.8570, 3.5215, -9.5216



179.5090, 4.6791, -7.4624

# Triad

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



178.8570, 3.5215, -9.5216



181.0870, 1.4361, 6.0627



180.0560, -4.9576, 3.4589

# Complementary

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



178.8570, 3.5215, -9.5216



175.1430, -3.5215, 9.5216

# 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.



180.4910, -4.6791, 7.4624



178.8570, 3.5215, -9.5216



181.4140, -1.1901, 8.4069

# Square

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



178.8570, 3.5215, -9.5216



181.3360, 3.7784, 1.4593



180.8440, -3.3741, 8.9068



179.6640, -3.7784, -1.4593



# Rectangle

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



178.8570, 3.5215, -9.5216



179.9330, 4.9630, -5.2032



180.8440, -3.3741, 8.9068



180.3550, -5.1050, 4.0737

# Sweetspot

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



178.8570, 3.5215, -9.5216



239.3200, 1.3212, -3.7886



178.9080, -3.8986, -9.5663



120.8040, 0.5896, -2.4591



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.



178.8570, 3.5215, -9.5216



230.3940, 5.7218, -15.2545



173.5740, 6.1260, -4.8884



88.1350, 1.9054, -4.5034



94.0940, 30.5197, -82.5204



16.6930, 5.5744, -14.6398



# Inverse Universe

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



175.0920, 3.8986, 9.5663



224.4070, 6.2083, 15.4291



180.4260, -6.1260, 4.8884



86.4890, 1.7309, 4.8331



61.4640, 33.7882, 82.9081



10.9940, 5.9190, 14.9143



# Previews

## White Background



This preview shows how the YUV color 178.8570, 3.5215, -9.5216 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

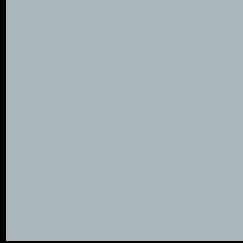
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 178.8570, 3.5215, -9.5216 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

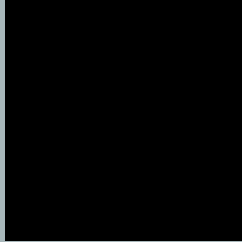
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

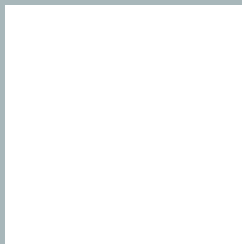
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 178.8570, 3.5215, -9.5216

## Background



This preview shows how black text looks on a background with the YUV color 178.8570, 3.5215, -9.5216.



This preview shows how white text looks on a background with the YUV color 178.8570, 3.5215, -9.5216.

-9.5216.

# 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

178.8570, 3.5215, -9.5216

### Protanopia

180.4670, 1.7418, 1.3444

### Deuteranopia

182.1630, 2.8776, 10.3810



## Tritanopia

179.4210, 8.1734, -8.2622

# Trichromacy



## Original Color

178.8570, 3.5215, -9.5216

## Protanomaly

179.6730, 2.6262, -2.3442

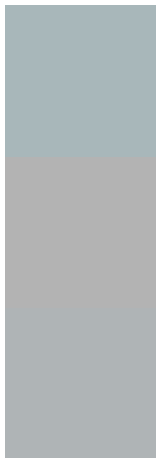
## Deuteranomaly

181.1190, 2.8993, 3.4036

## Tritanomaly

179.2530, 6.2843, -8.9919

# Monochromacy



## Original Color

178.8570, 3.5215, -9.5216

## Achromatopsia

179.0000, 0.0000, 0.0000

## Achromatomaly

178.7330, 1.6106, -3.2738

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 178.8570, 3.5215, -9.5216 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(168, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(168, 183, 186)  
}
```

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(168, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 183, 186) }
```

## Border

The CSS property to change the border of an element to YUV 178.8570, 3.5215, -9.5216 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".

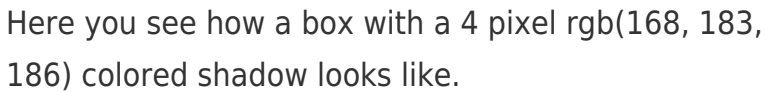
```
.border, #border, table{ border:4px solid rgb(168, 183, 186) }
```



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

```
.border{ border-color:rgb(168, 183, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(168, 183,  
186) }
```

# Background

The CSS property to change the background color of an element to YUV 178.8570, 3.5215, -9.5216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 183, 186) }
```

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

```
.background{ background-color: rgb(168,  
183, 186) }
```

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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