

# Converting Colors

YUV(175.6780, 1.6377,  
-11.9956)

Have a look what the booklet for  
YUV(175.6780, 1.6377, -11.9956)  
contains.

<b>YUV(175.6780, 1.6377, -11.9956)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(175.6780, 1.6377,  
-11.9956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2B6B3
RGB	162, 182, 179
RGB Percent	64%, 71%, 70%
CMY	0.3647, 0.2863, 0.2980
CMYK	0.11, 0.00, 0.02, 0.29
HSL	171°, 12%, 67%
HSV	171°, 11%, 71%
XYZ	39.7649, 44.3920, 49.1205
YIQ	175.6780, -10.9570, -5.1730

# Conversions

## Conversions Part 2

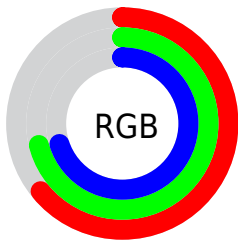
Format	Color
<b>RYB</b>	162, 173, 182
Decimal	10663603
CIELab	72.49, -7.46, -0.82
CIELCh	72, 7.507, 186.284
Yxy	44.3920, 0.2984, 0.3331
Android (android.graphics.Color)	4288853683 (0xFFA2B6B3)
YUV	175.6780, 1.6377, -11.9956
Hunter-Lab	66.6273, -10.0642, 2.9280

# Details

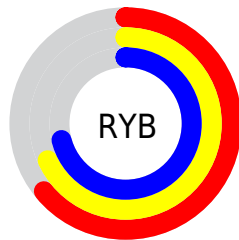
The YUV color  $175.6780, 1.6377, -11.9956$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $168.3220, -1.6377, 11.9956$ , and the grayscale version is  $176.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $231.3790, 1.7852, -12.6104$ , and  $122.9770, 1.4903, -11.3808$  is the 20% darker color. If you saturate the color by 10%, you get  $169.9540, 2.9807, -22.7617$ , and if you desaturate by 10%, it is  $181.4020, 0.2948, -1.2296$ .

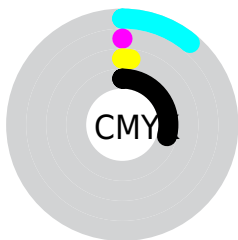
# Distribution



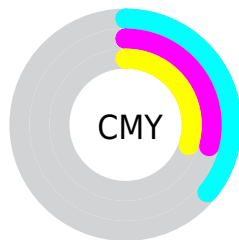
- Red (64%)
- Green (71%)
- Blue (70%)



- Red (64%)
- Yellow (68%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (36%)
- Magenta (29%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 175.6780, 1.6377, -11.9956 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 175.6780, 1.6377, -11.9956 by changing the saturation by 10% instead.



■ 175.6780, 1.6377,  
-11.9956

■ 175.6780, 1.6377,  
-11.9956

255.0000, 0.0000,  
0.0000

■ 148.9770, 1.4903,  
-11.3808

■ 231.3790, 1.7852,  
-12.6104

■ 122.9770, 1.4903,  
-11.3808

■ 252.0100, 1.4741,  
-6.1478

■ 98.2760, 1.3429,  
-10.7661

■ 74.2760, 1.3429,  
-10.7661

■ 51.6890, 1.6323,  
-10.2513

■ 29.9880, 1.4849,  
-9.6365

■ 9.4720, 0.7533,

-8.3069

0.0000, 0.0000,  
0.0000

175.6780, 1.6377,  
-11.9956

175.6780, 1.6377,  
-11.9956

169.9540, 2.9807,  
-22.7617

181.4020, 0.2948,  
-1.2296

164.3440, 4.7604,  
-33.6277

187.0120, -1.4849,  
9.6365

158.3210, 6.2507,  
-45.0085

193.0350, -2.9753,  
21.0173

152.5970, 7.5937,  
-55.7746

198.7590, -4.3182,  
31.7834

146.8730, 8.9366,  
-66.5406

204.4830, -5.6611,  
42.5494

■ 141.2630, 10.7163,  
-77.4067

■ 205.3090, -5.0823,  
43.5790

■ 135.5390, 12.0593,  
-88.1727

■ 205.6510, -3.7719,  
43.2791

■ 129.5160, 13.5496,  
-99.5535

■ 205.9930, -2.4615,  
42.9791

■ 124.5040, 15.0345,  
-109.1900

■ 206.3350, -1.1512,  
42.6792

# Harmonies

## Analogous

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



175.7880, -1.8675, -7.7071



175.6780, 1.6377, -11.9956



175.5900, 5.1321, -12.7954

# Triad

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



175.6780, 1.6377, -11.9956



178.9770, 4.9413, 1.7742



178.6330, -6.7211, 9.0919

# Complementary

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



175.6780, 1.6377, -11.9956



168.3220, -1.6377, 11.9956

# 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.



179.2250, -4.5479, 12.0807



175.6780, 1.6377, -11.9956



179.2120, 1.8675, 7.7071

# Square

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



175.6780, 1.6377, -11.9956



177.9870, 6.4154, -4.3736



179.1370, -1.0535, 11.2809



177.6000, -6.7048, 3.8588



# Rectangle

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



175.6780, 1.6377, -11.9956



176.8290, 6.0003, -11.2510



179.1370, -1.0535, 11.2809



178.5730, -5.7055, 10.0215

# Sweetspot

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



175.6780, 1.6377, -11.9956



234.7930, 0.5951, -4.2035



174.6370, -6.2300, -8.4516



118.3910, 0.3002, -2.9739



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

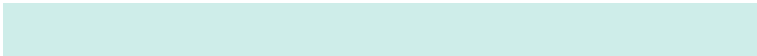


# Same Dimension

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



175.6780, 1.6377, -11.9956



227.2750, 2.8224, -18.6582



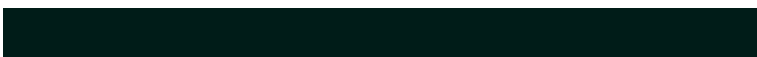
171.9110, 4.9739, -8.6919



89.0810, 0.4531, -5.3330



106.6200, 12.5123, -93.5057



19.1720, 2.3802, -16.8138



# Inverse Universe

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



168.3220, -1.6377, 11.9956



215.8390, -2.3856, 18.5582



172.0890, -4.9739, 8.6919



85.8050, -0.8899, 5.4330



49.2660, -12.9491, 93.6057



8.8280, -2.3802, 16.8138



# Previews

## White Background



This preview shows how the YUV color 175.6780, 1.6377, -11.9956 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

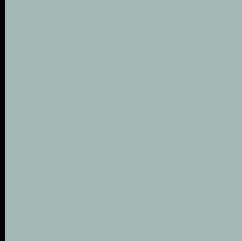
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 175.6780, 1.6377, -11.9956 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

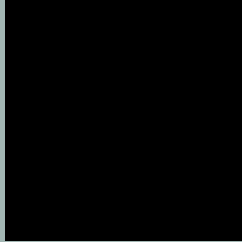
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

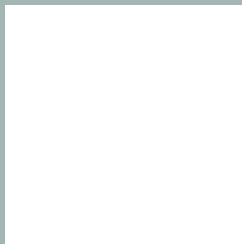
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 175.6780, 1.6377, -11.9956

## Background



This preview shows how black text looks on a background with the YUV color 175.6780, 1.6377, -11.9956.



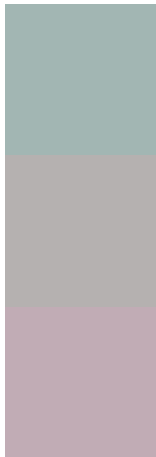
This preview shows how white text looks on a background with the YUV color 175.6780, 1.6377, -11.9956.

-11.9956.

# 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

175.6780, 1.6377, -11.9956

### Protanopia

178.0820, -1.0264, 2.5591

### Deuteranopia

179.3050, 0.8356, 12.0105



## Tritanopia

177.1110, 8.3263, -10.6213

# Trichromacy



## Original Color

175.6780, 1.6377, -11.9956

## Protanomaly

177.2770, -0.1366, -2.8739

## Deuteranomaly

178.2500, 0.8628, 3.2887

## Tritanomaly

176.8290, 6.0003, -11.2510

# Monochromacy



## Original Color

175.6780, 1.6377, -11.9956

## Achromatopsia

176.0000, 0.0000, 0.0000

## Achromatomaly

175.7930, 0.5951, -4.2035

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.6780, 1.6377, -11.9956 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(162, 182, 179)` looks like.

```
.text, #text, p{  
    color:rgb(162, 182, 179)  
}
```

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(162, 182, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 182, 179) }
```

## Border

The CSS property to change the border of an element to YUV 175.6780, 1.6377, -11.9956 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(162, 182, 179) }
```



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

```
.border{ border-color:rgb(162, 182, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 182, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 182, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 182, 179);  
box-shadow:4px 4px 4px 4px rgb(162, 182,  
179) }
```

# Background

The CSS property to change the background color of an element to YUV 175.6780, 1.6377, -11.9956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 182, 179) }
```

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

```
.background{ background-color: rgb(162,  
182, 179) }
```

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