

Converting Colors

YUV(175.3550, 11.6570,
-5.5733)

Have a look what the booklet for
YUV(175.3550, 11.6570, -5.5733)
contains.

YUV(175.3550, 11.6570, -5.5733)	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(175.3550, 11.6570,
-5.5733)**

Conversions

Conversions Part 1

Format	Color
Hex	A9AEC7
RGB	169, 174, 199
RGB Percent	66%, 68%, 78%
CMY	0.3373, 0.3176, 0.2196
CMYK	0.15, 0.13, 0.00, 0.22
HSL	230°, 21%, 72%
HSV	230°, 15%, 78%
XYZ	41.8070, 42.8306, 60.0965
YIQ	175.3550, -11.0050, 6.7150

Conversions

Conversions Part 2

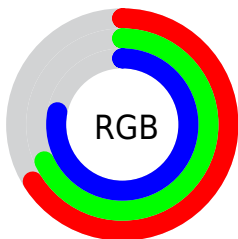
Format	Color
R_{YB}	169, 173, 199
Decimal	11120327
CIE _{Lab}	71.44, 3.36, -13.30
CIE _{LCh}	71, 13.715, 284.172
Yxy	42.8306, 0.2889, 0.2959
Android (android.graphics.Color)	4289310407 (0xFFA9AEC7)
YUV	175.3550, 11.6570, -5.5733
Hunter-Lab	65.4451, -0.5013, -8.6328

Details

The YUV color $175.3550, 11.6570, -5.5733$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $192.6450, -11.6570, 5.5733$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.4690, 12.0938, -5.6733$, and $123.1270, 10.7834, -5.3734$ is the 20% darker color. If you saturate the color by 10%, you get $159.3960, 19.5248, -9.1173$, and if you desaturate by 10%, it is $191.3140, 3.7892, -2.0294$.

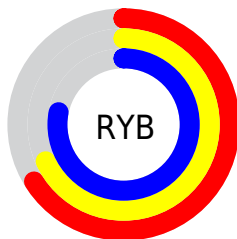
Distribution



Red (66%)

Green (68%)

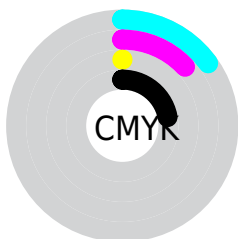
Blue (78%)



Red (66%)

Yellow (68%)

Blue (78%)

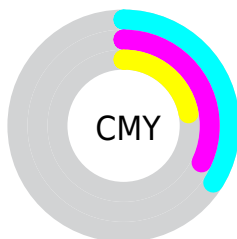


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (32%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3550, 11.6570, -5.5733 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 175.3550, 11.6570, -5.5733 by changing the saturation by 10% instead.

■ 175.3550, 11.6570,
-5.5733

■ 175.3550, 11.6570,
-5.5733

255.0000, 0.0000,
0.0000

■ 148.3550, 11.6570,
-5.5733

■ 230.4690, 12.0938,
-5.6733

■ 123.1270, 10.7834,
-5.3734

254.4020, 0.2948,
-1.2296

■ 98.0130, 10.3466,
-5.2734

■ 74.0130, 10.3466,
-5.2734

■ 51.4860, 9.6204,
-5.6882

■ 30.2580, 8.7468,
-5.4883

■ 5.5400, 11.0728,

-4.8586

■ 0.0000, 0.0000,
0.0000

■ 175.3550, 11.6570,
-5.5733

■ 175.3550, 11.6570,
-5.5733

■ 159.3960, 19.5248,
-9.1173

■ 191.3140, 3.7892,
-2.0294

■ 144.0240, 27.1032,
-13.1760

■ 206.6860, -3.7892,
2.0294

■ 128.0650, 34.9710,
-16.7200

■ 222.6450,
-11.6570, 5.5733

■ 112.6930, 42.5494,
-20.7788

■ 238.0170,
-19.2354, 9.6321

■ 97.0330, 50.2697,
-23.7079

■ 248.6160,
-24.4607, 5.5988

■ 81.6610, 57.8481,
-27.7667

■ 65.7020, 65.7159,
-31.3107

■ 49.7430, 73.5837,
-34.8546

■ 42.0570, 77.3729,
-36.8840

Harmonies

Analogous

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



173.2180, 12.7105, -16.8542



175.3550, 11.6570, -5.5733



177.1070, 7.8352, 6.9222

Triad

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



175.3550, 11.6570, -5.5733



176.4280, -9.0850, 20.6726



171.1350, -1.5456, -17.6584

Complementary

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



175.3550, 11.6570, -5.5733



192.6450, -11.6570, 5.5733

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.



172.5940, -7.6878, -7.5369



175.3550, 11.6570, -5.5733



175.2870, -11.9735, 13.7803

Square

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



175.3550, 11.6570, -5.5733



177.1060, -3.9963, 21.8320



174.0470, -11.3622, 4.3438



170.5240, 5.1647, -23.2615

Rectangle

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



175.3550, 11.6570, -5.5733



177.5270, 4.1772, 13.5698



174.0470, -11.3622, 4.3438



171.2880, -3.5930, -14.2846

Sweetspot

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



175.3550, 11.6570, -5.5733



244.6560, 5.0996, -2.3293



189.4600, 2.2382, -17.9434



121.4990, 3.2050, -1.3146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



175.3550, 11.6570, -5.5733



218.9400, 17.7776, -8.7174



175.4100, 11.6299, 3.1484



91.6130, 3.6418, -1.4146



34.4310, 63.3845, -30.1960



7.6260, 13.9884, -6.6880

Inverse Universe

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



178.5400, -2.2382, 17.9434



223.6660, -3.2863, 27.4799



192.5900, -11.6299, -3.1484



92.8050, -0.8899, 5.4330



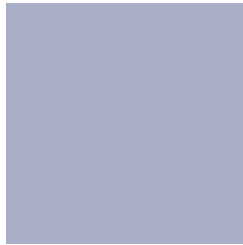
51.8150, -12.2338, 97.5092



11.4480, -2.6859, 21.5321

Previews

White Background



This preview shows how the YUV color 175.3550, 11.6570, -5.5733 looks on a white background.

Color Contrast Check

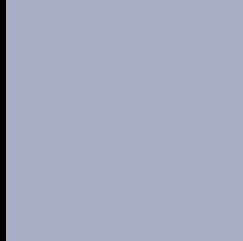
Large Text (above 18pt) WCAG AA × Fail

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 175.3550, 11.6570, -5.5733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

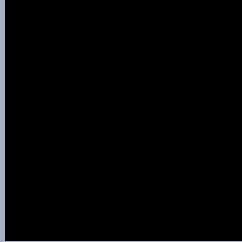
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.3550, 11.6570, -5.5733

Background



This preview shows how black text looks on a background with the YUV color 175.3550, 11.6570, -5.5733.



This preview shows how white text looks on a background with the YUV color 175.3550, 11.6570, -5.5733.

-5.5733.

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

175.3550, 11.6570, -5.5733

Protanopia

175.3660, 11.6516, -3.8290

Deuteranopia

176.4100, 11.6299, 3.1484



Tritanopia

174.9050, 7.4418, -6.9327

Trichromacy



Original Color

175.3550, 11.6570, -5.5733

Protanomaly

175.0670, 11.7990, -4.4438

Deuteranomaly

175.8010, 11.9301, 0.1745

Tritanomaly

174.9590, 8.8942, -6.1030

Monochromacy



Original Color

175.3550, 11.6570, -5.5733

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.4280, 4.2260, -2.1294

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3550, 11.6570, -5.5733 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(169, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(169, 174, 199)  
}
```

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(169, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 174, 199) }
```

Border

The CSS property to change the border of an element to YUV 175.3550, 11.6570, -5.5733 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(169, 174, 199) }
```


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

```
.border{ border-color:rgb(169, 174, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(169, 174,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 175.3550, 11.6570, -5.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 174, 199) }
```

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

```
.background{ background-color: rgb(169,  
174, 199) }
```

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