

Converting Colors

YUV(171.8700, 0.5571, 8.0070)

Have a look what the booklet for
YUV(171.8700, 0.5571, 8.0070)
contains.

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Color

**YUV(171.8700, 0.5571,
8.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A7AD
RGB	181, 167, 173
RGB Percent	71%, 65%, 68%
CMY	0.2902, 0.3451, 0.3216
CMYK	0.00, 0.08, 0.04, 0.29
HSL	334°, 9%, 68%
HSV	334°, 8%, 71%
XYZ	40.4176, 40.4783, 45.2180
YIQ	171.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

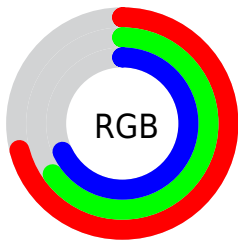
Format	Color
RYB	181, 167, 173
Decimal	11904941
CIELab	69.81, 6.13, -1.27
CIELCh	70, 6.258, 348.299
Yxy	40.4783, 0.3205, 0.3210
Android (android.graphics.Color)	4290095021 (0xFFB5A7AD)
YUV	171.8700, 0.5571, 8.0070
Hunter-Lab	63.6226, 2.0564, 2.3970

Details

The YUV color **171.8700, 0.5571, 8.0070** is a light color, and the websafe version is hex **999999**. A complement of this color would be **176.1300, -0.5571, -8.0070**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1690, 0.4097, 8.6218**, and **119.5710, 0.7045, 7.3922** is the 20% darker color. If you saturate the color by 10%, you get **160.1640, 1.3981, 18.2732**, and if you desaturate by 10%, it is **183.5760, -0.2840, -2.2592**.

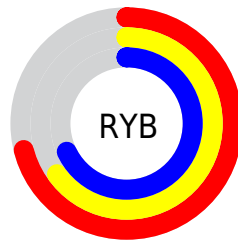
Distribution



Red (71%)

Green (65%)

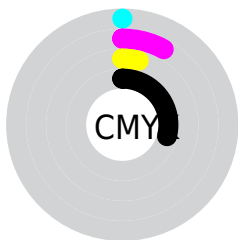
Blue (68%)



Red (71%)

Yellow (65%)

Blue (68%)

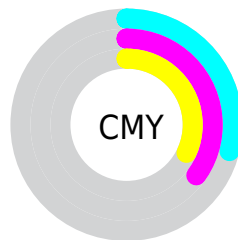


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8700, 0.5571, 8.0070 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 171.8700, 0.5571, 8.0070 by changing the saturation by 10% instead.

■ 171.8700, 0.5571,
8.0070

■ 171.8700, 0.5571,
8.0070

255.0000, 0.0000,
0.0000

■ 145.4570, 0.2677,
7.4922

■ 227.1690, 0.4097,
8.6218

■ 119.5710, 0.7045,
7.3922

■ 252.6520, 1.1576,
2.0592

■ 95.1580, 0.4151,
6.8774

■ 71.1580, 0.4151,
6.8774

■ 48.8590, 0.5625,
6.2627

■ 27.8590, 0.5625,
6.2627

■ 4.2290, -0.6059,

7.6922

0.0000, 0.0000,
0.0000

171.8700, 0.5571,
8.0070

171.8700, 0.5571,
8.0070

160.1640, 1.3981,
18.2732

183.5760, -0.2840,
-2.2592

148.3440, 1.8024,
28.6393

195.3960, -0.6882,
-12.6253

136.6380, 2.6435,
38.9055

207.1020, -1.5293,
-22.8915

124.9320, 3.4845,
49.1716

218.8080, -2.3703,
-33.1576

113.1120, 3.8888,
59.5378

229.4540, -2.1958,
-42.4942

■ 100.8190, 5.0192,
70.3187

■ 230.5940, 2.1722,
-43.4939

■ 89.1130, 5.8603,
80.5849

■ 231.7340, 6.5401,
-44.4937

■ 77.2930, 6.2646,
90.9510

■ 232.8740, 10.9081,
-45.4935

■ 65.5870, 7.1056,
101.2172

Harmonies

Analogous

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



171.5320, 3.1887, 3.9184



171.8700, 0.5571, 8.0070



171.7840, -2.3585, 9.8364

Triad

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



171.8700, 0.5571, 8.0070



170.0450, -4.9522, 1.7145



169.1990, 4.8319, -9.8215

Complementary

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



171.8700, 0.5571, 8.0070



176.1300, -0.5571, -8.0070

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.



168.9170, 2.5059, -10.4512



171.8700, 0.5571, 8.0070



169.4680, -3.1887, -3.9184

Square

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



171.8700, 0.5571, 8.0070



170.6650, -5.2578, 6.4328



169.1300, -0.5571, -8.0070



170.0360, 5.4053, -7.0476

Rectangle

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



171.8700, 0.5571, 8.0070



171.4420, -3.6689, 10.1364



169.1300, -0.5571, -8.0070



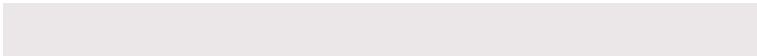
169.2590, 3.8163, -10.7511

Sweetspot

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



171.8700, 0.5571, 8.0070



231.7230, 0.1366, 2.8739



170.9880, 4.9359, 3.5185



115.7120, 0.1420, 1.1296



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



171.8700, 0.5571, 8.0070



220.7180, 1.1250, 12.5253



171.7730, -2.3531, 8.0921



83.1470, 0.4205, 5.1331



53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844

Inverse Universe

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



171.8700, 0.5571, 8.0070



220.7180, 1.1250, 12.5253



176.2270, 2.3531, -8.0921



83.1470, 0.4205, 5.1331



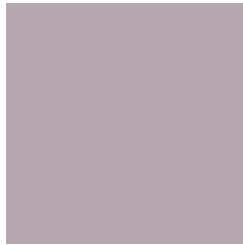
53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 171.8700, 0.5571, 8.0070 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 171.8700, 0.5571, 8.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

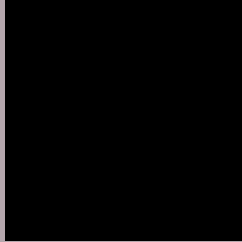
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.8700, 0.5571, 8.0070

Background



This preview shows how black text looks on a background with the YUV color 171.8700, 0.5571, 8.0070.



This preview shows how white text looks on a background with the YUV color 171.8700, 0.5571,

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

171.8700, 0.5571, 8.0070

Protanopia

171.1680, 1.8892, 0.7297

Deuteranopia

172.1910, 0.3988, 12.1105



Tritanopia

172.2660, 3.3199, 8.5367

Trichromacy



Original Color

171.8700, 0.5571, 8.0070

Protanomaly

171.3640, 1.2995, 3.1888

Deuteranomaly

172.1800, 0.4043, 10.3661

Tritanomaly

172.0380, 2.4463, 8.7367

Monochromacy



Original Color

171.8700, 0.5571, 8.0070

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.7230, 0.1366, 2.8739

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8700, 0.5571, 8.0070 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(181, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 173)  
}
```

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(181, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 173) }
```

Border

The CSS property to change the border of an element to YUV 171.8700, 0.5571, 8.0070 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(181, 167, 173) }
```


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

```
.border{ border-color:rgb(181, 167, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 171.8700, 0.5571, 8.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 173) }
```

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

```
.background{ background-color: rgb(181,  
167, 173) }
```

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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