

Converting Colors

YUV(172.1320, -6.9671, -5.3778)

Have a look what the booklet for
YUV(172.1320, -6.9671, -5.3778)
contains.

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Color

**YUV(172.1320, -6.9671,
-5.3778)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B29E
RGB	166, 178, 158
RGB Percent	65%, 70%, 62%
CMY	0.3490, 0.3020, 0.3804
CMYK	0.07, 0.00, 0.11, 0.30
HSL	96°, 11%, 66%
HSV	96°, 11%, 70%
XYZ	37.8178, 42.4164, 38.5417
YIQ	172.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

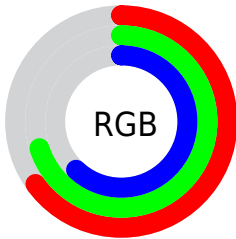
Format	Color
RYB	158, 178, 170
Decimal	10924702
CIELab	71.16, -7.92, 8.79
CIELCh	71, 11.837, 132.023
Yxy	42.4164, 0.3184, 0.3571
Android (android.graphics.Color)	4289114782 (0xFFA6B29E)
YUV	172.1320, -6.9671, -5.3778
Hunter-Lab	65.1279, -10.3241, 10.5026

Details

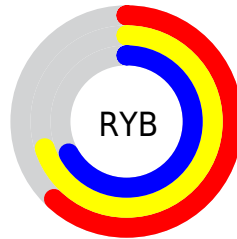
The YUV color **172.1320, -6.9671, -5.3778** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163.8680, 6.9671, 5.3778**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7190, -7.2565, -5.8926**, and **119.6590, -6.2409, -4.9629** is the 20% darker color. If you saturate the color by 10%, you get **166.7910, -13.2080, -10.3407**, and if you desaturate by 10%, it is **177.4730, -0.7262, -0.4148**.

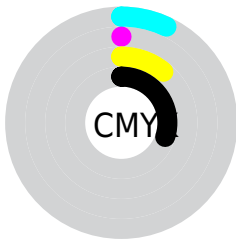
Distribution



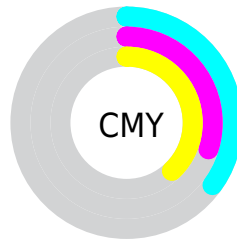
- Red (65%)
- Green (70%)
- Blue (62%)



- Red (62%)
- Yellow (70%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (35%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1320, -6.9671, -5.3778 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 172.1320, -6.9671, -5.3778 by changing the saturation by 10% instead.

■ 172.1320, -6.9671,
-5.3778

■ 172.1320, -6.9671,
-5.3778

255.0000, 0.0000,
0.0000

■ 145.5450, -6.6777,
-4.8630

■ 227.7190, -7.2565,
-5.8926

■ 119.6590, -6.2409,
-4.9629

■ 251.9090, -5.3781,
-1.6742

■ 94.9580, -6.3883,
-4.3482

■ 71.6590, -6.2409,
-4.9629

■ 49.1860, -5.5147,
-4.5481

■ 27.5990, -5.2253,
-4.0333

■ 4.6960, -2.3151,

-4.1184

0.0000, 0.0000,
0.0000

172.1320, -6.9671,
-5.3778

172.1320, -6.9671,
-5.3778

166.7910,
-13.2080, -10.3407

177.4730, -0.7262,
-0.4148

161.7490,
-19.5963, -14.6889

182.5150, 5.6621,
3.9333

156.5220,
-25.4003, -19.7518

187.7420, 11.4662,
8.9963

151.1810,
-31.6412, -24.7147

193.0830, 17.7071,
13.9592

146.1390,
-38.0295, -29.0629

198.1250, 24.0954,
18.3074

■ 140.7980,
-44.2704, -34.0258

■ 202.3260, 25.9683,
24.2701

■ 135.4570,
-50.5113, -38.9888

■ 205.6150, 24.3468,
31.0326

■ 130.5290,
-56.4628, -43.4369

■ 208.6050, 22.8727,
37.1804

■ 125.7150,
-61.9775, -47.9851

■ 209.8010, 22.2831,
39.6395

Harmonies

Analogous

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



173.3890, -10.0518, 4.0438



172.1320, -6.9671, -5.3778



171.0430, -1.9932, -14.0697

Triad

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



172.1320, -6.9671, -5.3778



172.6590, 10.5211, -14.6099



176.3120, -3.1118, 18.1434

Complementary

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



172.1320, -6.9671, -5.3778



163.8680, 6.9671, 5.3778

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.



176.6580, 2.1406, 13.4549



172.1320, -6.9671, -5.3778



174.6000, 10.0572, -5.7882

Square

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



172.1320, -6.9671, -5.3778



171.3440, 8.2114, -20.4727



175.8680, 6.9671, 5.3778



175.4600, -7.6218, 18.0136

Rectangle

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



172.1320, -6.9671, -5.3778



170.7480, 2.0962, -19.0730



175.8680, 6.9671, 5.3778



176.4690, -1.2172, 17.1287

Sweetspot

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



172.1320, -6.9671, -5.3778



230.0060, -2.4680, -1.7593



171.0240, -6.4208, 6.1180



115.6470, -1.3050, -1.4444



245.0000, 0.0000, 0.0000



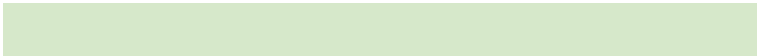
117.0000, 0.0000, 0.0000

Same Dimension

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



172.1320, -6.9671, -5.3778



223.1980, -10.4506, -8.0666



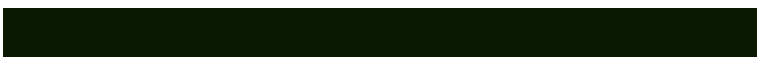
169.9680, -4.9142, -10.4959



86.4790, -3.1941, -2.1741



108.0500, -53.2687, -41.2629



18.2520, -8.9982, -7.2370

Inverse Universe

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



163.8680, 6.9671, 5.3778



210.8020, 10.4506, 8.0666



166.0320, 4.9142, 10.4959



82.8200, 3.0467, 2.7889



44.9500, 53.2687, 41.2629



7.4490, 9.1456, 6.6222

Previews

White Background



This preview shows how the YUV color 172.1320, -6.9671, -5.3778 looks on a white background.

Color Contrast Check

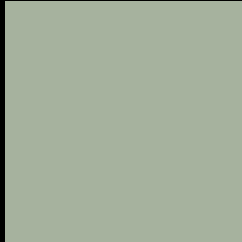
Large Text (above 18pt) WCAG AA × Fail

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 172.1320, -6.9671, -5.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

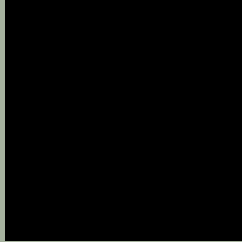
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.1320, -6.9671, -5.3778

Background



This preview shows how black text looks on a background with the YUV color 172.1320, -6.9671, -5.3778.



This preview shows how white text looks on a background with the YUV color 172.1320, -6.9671, -5.3778.

-5.3778.

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

172.1320, -6.9671, -5.3778

Protanopia

173.4540, -8.6048, 6.6178

Deuteranopia

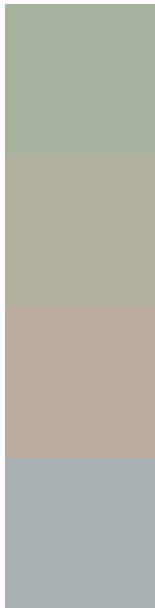
175.4600, -7.6218, 18.0136



Tritanopia

174.5850, 6.1206, -3.1440

Trichromacy



Original Color

172.1320, -6.9671, -5.3778

Protanomaly

173.2470, -8.0098, 2.4144

Deuteranomaly

174.4050, -7.5947, 9.2918

Tritanomaly

173.3200, 1.3212, -3.7886

Monochromacy



Original Color

172.1320, -6.9671, -5.3778

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0060, -2.4680, -1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1320, -6.9671, -5.3778 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(166, 178, 158)` looks like.

```
.text, #text, p{  
    color:rgb(166, 178, 158)  
}
```

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(166, 178, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 178, 158) }
```

Border

The CSS property to change the border of an element to YUV 172.1320, -6.9671, -5.3778 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(166, 178, 158) }
```


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

```
.border{ border-color:rgb(166, 178, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 178, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 178, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 178, 158);  
box-shadow:4px 4px 4px 4px rgb(166, 178,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 172.1320, -6.9671, -5.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 178, 158) }
```

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

```
.background{ background-color: rgb(166,  
178, 158) }
```

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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