

Converting Colors

YUV(151.9670, 6.9183, 21.0769)

Have a look what the booklet for
YUV(151.9670, 6.9183, 21.0769)
contains.

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Color

**YUV(151.9670, 6.9183,
21.0769)**

Conversions

Conversions Part 1

Format	Color
Hex	B089A6
RGB	176, 137, 166
RGB Percent	69%, 54%, 65%
CMY	0.3098, 0.4627, 0.3490
CMYK	0.00, 0.22, 0.06, 0.31
HSL	315°, 20%, 61%
HSV	315°, 22%, 69%
XYZ	33.7331, 29.8746, 40.0648
YIQ	151.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

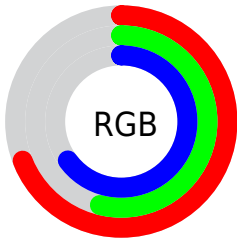
Format	Color
RYB	176, 137, 166
Decimal	11569574
CIELab	61.55, 19.76, -9.62
CIELCh	62, 21.972, 334.042
Yxy	29.8746, 0.3254, 0.2882
Android (android.graphics.Color)	4289759654 (0xFFB089A6)
YUV	151.9670, 6.9183, 21.0769
Hunter-Lab	54.6577, 14.5140, -5.2000

Details

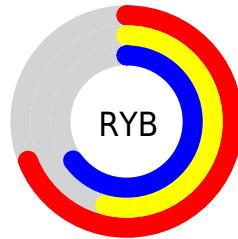
The YUV color **151.9670, 6.9183, 21.0769** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **161.0330, -6.9183, -21.0769**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6790, 7.0603, 22.2065**, and **100.8420, 6.4869, 19.4326** is the 20% darker color. If you saturate the color by 10%, you get **140.8310, 9.9433, 30.8432**, and if you desaturate by 10%, it is **163.1030, 3.8932, 11.3107**.

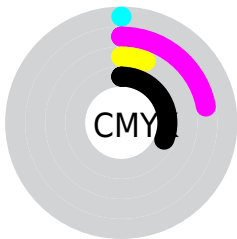
Distribution



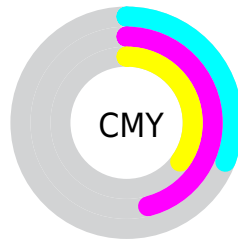
- Red (69%)
- Green (54%)
- Blue (65%)



- Red (69%)
- Yellow (54%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.9670, 6.9183, 21.0769 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 151.9670, 6.9183, 21.0769 by changing the saturation by 10% instead.

■ 151.9670, 6.9183,
21.0769

■ 151.9670, 6.9183,
21.0769

255.0000, 0.0000,
0.0000

■ 125.6680, 7.0657,
20.4622

■ 206.6790, 7.0603,
22.2065

■ 100.8420, 6.4869,
19.4326

■ 233.2980, 8.2341,
19.0327

■ 76.5430, 6.6343,
18.8178

■ 250.3040, 2.3151,
4.1184

■ 53.4180, 6.2029,
17.1734

■ 31.1190, 6.3503,
16.5586

■ 12.0050, 5.9135,
16.6586

■ 0.0000, 0.0000,

0.0000

■ 151.9670, 6.9183,
21.0769

■ 151.9670, 6.9183,
21.0769

■ 140.8310, 9.9433,
30.8432

■ 163.1030, 3.8932,
11.3107

■ 130.3960, 13.1158,
39.9947

■ 173.5380, 0.7208,
2.1592

■ 119.2600, 16.1408,
49.7610

■ 184.6740, -2.3043,
-7.6071

■ 108.8250, 19.3133,
58.9125

■ 195.1090, -5.4767,
-16.7586

■ 97.6890, 22.3383,
68.6787

■ 206.2450, -8.5018,
-26.5249

■ 86.6670, 25.8002,
78.3450

■ 217.2670,
-11.9636, -36.1912

■ 76.1180, 28.5358,
87.5965

■ 224.8810,
-13.2523, -42.8686

■ 67.5580, 31.2769,
95.1036

■ 225.3370,
-11.5051, -43.2685

■ 225.9070, -9.3212,
-43.7684

Harmonies

Analogous

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



150.9200, 14.8294, 3.5782



151.9670, 6.9183, 21.0769



151.9160, -2.4236, 30.7687

Triad

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



151.9670, 6.9183, 21.0769



147.2560, -18.3672, 11.1765



140.2210, 14.6810, -42.2898

Complementary

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



151.9670, 6.9183, 21.0769



161.0330, -6.9183, -21.0769

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.



140.7350, 5.0606, -36.6016



151.9670, 6.9183, 21.0769



145.1830, -14.3872, -5.4225

Square

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



151.9670, 6.9183, 21.0769



149.2730, -17.3896, 24.3166



142.6630, -5.7499, -22.5065



142.9430, 19.7481, -34.1530

Rectangle

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



151.9670, 6.9183, 21.0769



150.7330, -8.2494, 32.6832



142.6630, -5.7499, -22.5065



139.5370, 12.0603, -41.6899

Sweetspot

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



151.9670, 6.9183, 21.0769



219.4510, 2.7357, 9.2515



144.4360, 15.5611, 2.2486



109.3750, 1.2941, 4.9331



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



151.9670, 6.9183, 21.0769



191.7820, 10.9535, 33.5172



149.8010, -1.3809, 22.9765



83.4890, 1.7309, 4.8331



58.7430, 27.2417, 82.6634



9.9400, 4.4666, 14.0846

Inverse Universe

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



151.9670, 6.9183, 21.0769



191.7820, 10.9535, 33.5172



163.1990, 1.3809, -22.9765



83.4890, 1.7309, 4.8331



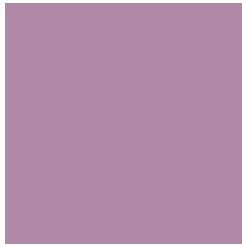
58.7430, 27.2417, 82.6634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 151.9670, 6.9183, 21.0769 looks on a white background.

Color Contrast Check

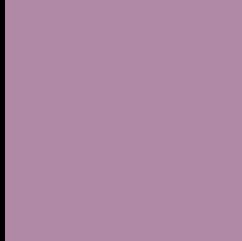
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.9670, 6.9183, 21.0769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

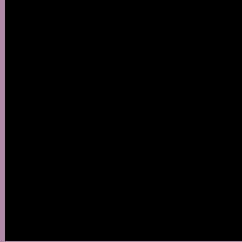
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.9670, 6.9183, 21.0769

Background



This preview shows how black text looks on a background with the YUV color 151.9670, 6.9183, 21.0769.



This preview shows how white text looks on a background with the YUV color 151.9670, 6.9183,

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

151.9670, 6.9183, 21.0769

Protanopia

149.6540, 11.5096, -4.9586

Deuteranopia

150.5690, 7.1145, 4.7630



Tritanopia

151.4200, -0.2071, 19.8027

Trichromacy



Original Color

151.9670, 6.9183, 21.0769

Protanomaly

150.5520, 9.5879, 4.7779

Deuteranomaly

150.9010, 6.9508, 10.6108

Tritanomaly

151.7020, 2.1189, 20.4323

Monochromacy



Original Color

151.9670, 6.9183, 21.0769

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.3260, 2.3043, 7.6071

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.9670, 6.9183, 21.0769 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(176, 137, 166)` looks like.

```
.text, #text, p{  
    color:rgb(176, 137, 166)  
}
```

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(176, 137, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 137, 166) }
```

Border

The CSS property to change the border of an element to YUV 151.9670, 6.9183, 21.0769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

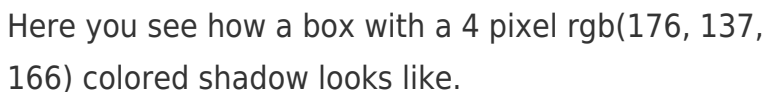
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 137, 166) }
```


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

```
.border{ border-color:rgb(176, 137, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 137, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 137, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 137, 166); box-shadow:4px 4px 4px 4px rgb(176, 137, 166) }
```

Background

The CSS property to change the background color of an element to YUV 151.9670, 6.9183, 21.0769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 137, 166) }
```

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

```
.background{ background-color: rgb(176,  
137, 166) }
```

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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