

# Converting Colors

YUV(151.3580, 7.2185, 18.1030)

Have a look what the booklet for  
YUV(151.3580, 7.2185, 18.1030)  
contains.

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# Color

**YUV(151.3580, 7.2185,  
18.1030)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC8AA6
RGB	172, 138, 166
RGB Percent	67%, 54%, 65%
CMY	0.3255, 0.4588, 0.3490
CMYK	0.00, 0.20, 0.03, 0.33
HSL	311°, 17%, 61%
HSV	311°, 20%, 67%
XYZ	32.9847, 29.7008, 40.0707
YIQ	151.3580, 11.2760, 15.9160

# Conversions

## Conversions Part 2

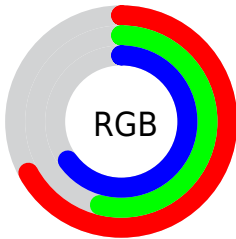
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 138, 166
Decimal	11307686
CIE <sub>Lab</sub>	61.40, 17.77, -9.88
CIE <sub>LCh</sub>	61, 20.332, 330.912
Yxy	29.7008, 0.3210, 0.2890
Android (android.graphics.Color)	4289497766 (0xFFAC8AA6)
YUV	151.3580, 7.2185, 18.1030
Hunter-Lab	54.4984, 12.6632, -5.4449

# Details

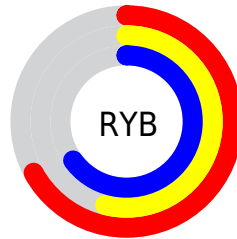
The YUV color  $151.3580, 7.2185, 18.1030$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $158.6420, -7.2185, -18.1030$ , and the grayscale version is  $151.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $206.0700, 7.3605, 19.2326$ , and  $100.2330, 6.7871, 16.4587$  is the 20% darker color. If you saturate the color by 10%, you get  $141.0370, 10.8278, 27.1546$ , and if you desaturate by 10%, it is  $161.6790, 3.6093, 9.0515$ .

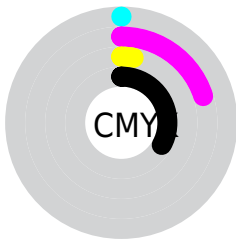
# Distribution



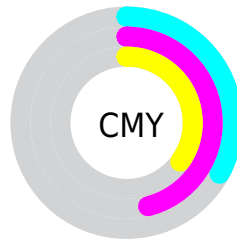
- Red (67%)
- Green (54%)
- Blue (65%)



- Red (67%)
- Yellow (54%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (33%)



- Cyan (33%)
- Magenta (46%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 151.3580, 7.2185, 18.1030 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 151.3580, 7.2185, 18.1030 by changing the saturation by 10% instead.




 151.3580, 7.2185,  
18.1030

 151.3580, 7.2185,  
18.1030

255.0000, 0.0000,  
0.0000


 125.0590, 7.3659,  
17.4883

 206.0700, 7.3605,  
19.2326

 100.2330, 6.7871,  
16.4587


 233.8850, 7.9447,  
18.5179

 75.9340, 6.9345,  
15.8439

 250.8910, 2.0257,  
3.6036

 53.1080, 6.3558,  
14.8143

 31.3960, 6.2138,  
13.6847

 11.4070, 6.2083,  
15.4291

 0.0000, 0.0000,

0.0000

151.3580, 7.2185,  
18.1030

151.3580, 7.2185,  
18.1030

141.0370, 10.8278,  
27.1546

161.6790, 3.6093,  
9.0515

130.7160, 14.4370,  
36.2061

172.0000, 0.0000,  
0.0000

119.8080, 18.3357,  
45.7724

182.9080, -3.8986,  
-9.5663

109.4870, 21.9449,  
54.8239

193.2290, -7.5079,  
-18.6178

99.1660, 25.5542,  
63.8754

203.5500,  
-11.1172, -27.6694

88.8450, 29.1634,  
72.9269

213.8710,  
-14.7264, -36.7209

■ 78.5240, 32.7727,  
81.9785

■ 222.4310,  
-17.4675, -44.2280

■ 67.6160, 36.6713,  
91.5448

■ 222.7730,  
-16.1571, -44.5279

■ 223.1150,  
-14.8467, -44.8279

# Harmonies

## Analogous

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



149.7950, 14.3981, 1.9338



151.3580, 7.2185, 18.1030



150.8340, -1.3972, 28.2096

# Triad

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



151.3580, 7.2185, 18.1030



147.1960, -17.3516, 12.1061



140.6730, 12.4862, -38.3012

# Complementary

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



151.3580, 7.2185, 18.1030



158.6420, -7.2185, -18.1030

# 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.



140.7140, 3.5920, -32.1982



151.3580, 7.2185, 18.1030



145.6070, -14.1033, -3.1633

# Square

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



151.3580, 7.2185, 18.1030



149.0280, -15.7898, 24.5314



143.1580, -6.4869, -19.4326



143.0850, 17.7061, -32.5235



# Rectangle

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



151.3580, 7.2185, 18.1030



150.6510, -7.2229, 30.1241



143.1580, -6.4869, -19.4326



140.2880, 9.7180, -37.0866

# Sweetspot

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



151.3580, 7.2185, 18.1030



216.1410, 2.8885, 6.8923



143.6700, 13.9667, 0.2894



107.1900, 1.8783, 4.2184



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



151.3580, 7.2185, 18.1030



191.8630, 11.4065, 28.1841



149.4200, -0.2071, 19.8027



81.4890, 1.7309, 4.8331



58.9860, 32.0519, 79.8193



9.0430, 4.9088, 12.2403



# Inverse Universe

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



151.3580, 7.2185, 18.1030



191.8630, 11.4065, 28.1841



160.5800, 0.2071, -19.8027



81.4890, 1.7309, 4.8331



58.9860, 32.0519, 79.8193

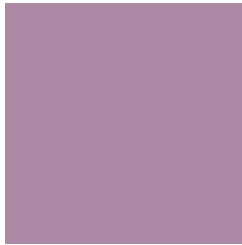


9.0430, 4.9088, 12.2403



# Previews

## White Background



This preview shows how the YUV color 151.3580, 7.2185, 18.1030 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

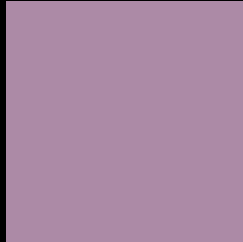
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 151.3580, 7.2185, 18.1030 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 151.3580, 7.2185, 18.1030

## Background



This preview shows how black text looks on a background with the YUV color 151.3580, 7.2185, 18.1030.



This preview shows how white text looks on a background with the YUV color 151.3580, 7.2185,



# 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

151.3580, 7.2185, 18.1030

### Protanopia

148.9530, 11.3622, -4.3438

### Deuteranopia

149.6830, 7.5513, 4.6630



## Tritanopia

150.8110, 0.0932, 16.8288

# Trichromacy



## Original Color

151.3580, 7.2185, 18.1030

## Protanomaly

149.9540, 9.8827, 3.5483

## Deuteranomaly

150.3030, 7.2456, 9.3813

## Tritanomaly

151.0930, 2.4192, 17.4584

# Monochromacy



## Original Color

151.3580, 7.2185, 18.1030

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

151.0270, 2.4517, 6.9923

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.3580, 7.2185, 18.1030 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(172, 138, 166)` looks like.

```
.text, #text, p{  
    color:rgb(172, 138, 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(172, 138, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 138, 166) }
```

## Border

The CSS property to change the border of an element to YUV 151.3580, 7.2185, 18.1030 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(172, 138, 166) }
```



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

```
.border{ border-color:rgb(172, 138, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 138, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 138, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 138, 166);  
box-shadow:4px 4px 4px 4px rgb(172, 138,  
166) }
```

# Background

The CSS property to change the background color of an element to YUV 151.3580, 7.2185, 18.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 138, 166) }
```

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

```
.background{ background-color: rgb(172,  
138, 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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