

# Converting Colors

YUV(156.6170, 31.2478,  
10.8599)

Have a look what the booklet for  
YUV(156.6170, 31.2478, 10.8599)  
contains.

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# Color

**YUV(156.6170, 31.2478,  
10.8599)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A98ADC
RGB	169, 138, 220
RGB Percent	66%, 54%, 86%
CMY	0.3373, 0.4588, 0.1373
CMYK	0.23, 0.37, 0.00, 0.14
HSL	263°, 54%, 70%
HSV	263°, 37%, 86%
XYZ	38.3689, 31.7793, 71.8219
YIQ	156.6170, -7.8460, 32.0740

# Conversions

## Conversions Part 2

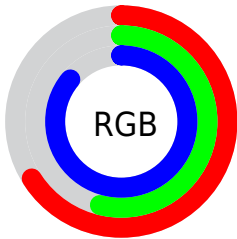
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 138, 220
Decimal	11111132
CIE <sub>Lab</sub>	63.16, 28.32, -37.62
CIE <sub>LCh</sub>	63, 47.087, 306.979
Yxy	31.7793, 0.2703, 0.2238
Android (android.graphics.Color)	4289301212 (0xFFA98ADC)
YUV	156.6170, 31.2478, 10.8599
Hunter-Lab	56.3731, 22.8386, -36.0770

# Details

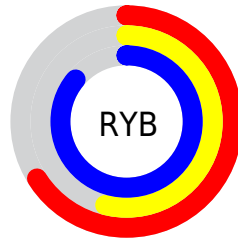
The YUV color **156.6170, 31.2478, 10.8599** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **201.3830, -31.2478, -10.8599**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0490, 22.6538, 13.9890**, and **104.8510, 29.6535, 8.9007** is the 20% darker color. If you saturate the color by 10%, you get **139.5170, 39.6781, 13.5786**, and if you desaturate by 10%, it is **173.7170, 22.8175, 8.1412**.

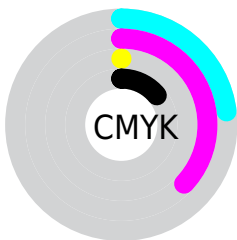
# Distribution



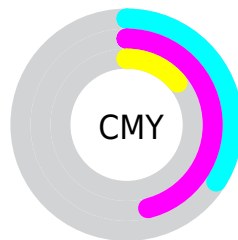
- Red (66%)
- Green (54%)
- Blue (86%)



- Red (66%)
- Yellow (54%)
- Blue (86%)



- Cyan (23%)
- Magenta (37%)
- Yellow (0%)
- Black (14%)



- Cyan (34%)
- Magenta (46%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 156.6170, 31.2478, 10.8599 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 156.6170, 31.2478, 10.8599 by changing the saturation by 10% instead.



156.6170, 31.2478,  
10.8599

156.6170, 31.2478,  
10.8599

255.0000, 0.0000,  
0.0000

130.0900, 30.5216,  
10.4451

209.0490, 22.6538,  
13.9890

104.8510, 29.6535,  
8.9007

234.4550, 10.1287,  
18.0180

79.9110, 28.6379,  
7.9711

250.8910, 2.0257,  
3.6036

55.9710, 27.6223,  
7.0414

32.4330, 26.9015,  
4.8823

11.4820, 25.8914,  
2.2083

6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,  
-2.4144

■ 0.0000, 0.0000,  
0.0000

■ 156.6170, 31.2478,  
10.8599

■ 156.6170, 31.2478,  
10.8599

■ 139.5170, 39.6781,  
13.5786

■ 173.7170, 22.8175,  
8.1412

■ 122.7160, 47.9610,  
16.9121

■ 190.5180, 14.5346,  
4.8077

■ 105.6160, 56.3913,  
19.6308

■ 207.6180, 6.1043,  
2.0890

■ 88.5160, 64.8216,  
22.3495

■ 224.7180, -2.3260,  
-0.6297

71.7150, 73.1045,  
25.6829

241.5190,  
-10.6089, -3.9632

54.6150, 81.5348,  
28.4016

249.8140,  
-14.6983, 1.0401

49.8970, 83.8608,  
29.0313

251.0100,  
-15.2879, 3.4992

# Harmonies

## Analogous

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



146.6040, 44.0722, -42.6257



156.6170, 31.2478, 10.8599



156.7930, 14.3991, 48.4165

# Triad

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



156.6170, 31.2478, 10.8599



151.1390, -37.5365, 46.3591



120.6060, 20.4072, -105.7715

# Complementary

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



156.6170, 31.2478, 10.8599



201.3830, -31.2478, -10.8599

# 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.



133.6660, -7.2303, -61.0971



156.6170, 31.2478, 10.8599



148.1540, -40.5019, 17.4049

# Square

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



156.6170, 31.2478, 10.8599



152.6310, -23.4821, 65.2216



143.3930, -29.7737, -17.0077



124.5790, 38.1686, -109.2558



# Rectangle

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



156.6170, 31.2478, 10.8599



155.2650, 1.8414, 62.9116



143.3930, -29.7737, -17.0077



118.8960, 13.8553, -104.2718

# Sweetspot

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



156.6170, 31.2478, 10.8599



233.4810, 10.6089, 3.9632



177.8720, 20.7691, -34.9677



114.7320, 6.5411, 1.9890



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.



156.6170, 31.2478, 10.8599



166.2660, 43.7459, 15.5527



168.5770, 25.3515, 35.4510



101.4500, 4.2151, 1.3593



39.4560, 65.8372, 23.2791



10.3270, 17.5868, 5.8522



# Inverse Universe

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



168.3320, 10.1893, 45.3128



182.5930, 14.4977, 63.5009



189.4230, -25.3515, -35.4510



103.0870, 1.4361, 6.0627



64.0390, 21.6728, 95.5588

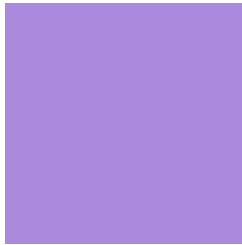


17.0600, 5.8864, 25.3804



# Previews

## White Background



This preview shows how the YUV color 156.6170, 31.2478, 10.8599 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

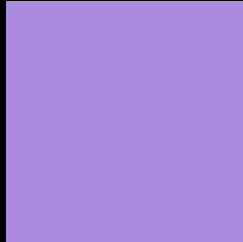
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 156.6170, 31.2478, 10.8599 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

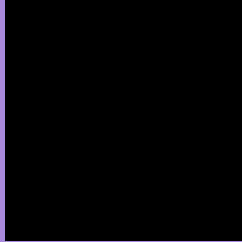
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 156.6170, 31.2478, 10.8599

## Background



This preview shows how black text looks on a background with the YUV color 156.6170, 31.2478, 10.8599.



This preview shows how white text looks on a background with the YUV color 156.6170, 31.2478,



# 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

156.6170, 31.2478, 10.8599

### Protanopia

151.6450, 38.6290, -23.3677

### Deuteranopia

151.9460, 32.0716, -20.1236



## Tritanopia

154.0590, 3.9149, 4.3333

# Trichromacy



## Original Color

156.6170, 31.2478, 10.8599

## Protanomaly

153.6250, 35.6809, -11.0721

## Deuteranomaly

153.6100, 31.7443, -8.4280

## Tritanomaly

155.3010, 13.6556, 6.7520

# Monochromacy



## Original Color

156.6170, 31.2478, 10.8599

## Achromatopsia

157.0000, 0.0000, 0.0000

## Achromatomaly

156.7090, 11.4825, 3.7632

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 156.6170, 31.2478, 10.8599 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, 138, 220)` looks like.

```
.text, #text, p{  
    color:rgb(169, 138, 220)  
}
```

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, 138, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 138, 220) }
```

## Border

The CSS property to change the border of an element to YUV 156.6170, 31.2478, 10.8599 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, 138, 220) }
```



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

```
.border{ border-color:rgb(169, 138, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 138, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 138, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 138, 220);  
box-shadow:4px 4px 4px 4px rgb(169, 138,  
220) }
```

# Background

The CSS property to change the background color of an element to YUV 156.6170, 31.2478, 10.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 138, 220) }
```

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

```
.background{ background-color: rgb(169,  
138, 220) }
```

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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