

# Converting Colors

YUV(162.8380, 19.3069,  
14.1741)

Have a look what the booklet for  
YUV(162.8380, 19.3069, 14.1741)  
contains.

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# Color

**YUV(162.8380, 19.3069,  
14.1741)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B393CA
RGB	179, 147, 202
RGB Percent	70%, 58%, 79%
CMY	0.2980, 0.4235, 0.2078
CMYK	0.11, 0.27, 0.00, 0.21
HSL	275°, 34%, 68%
HSV	275°, 27%, 79%
XYZ	39.6848, 34.7154, 60.4862
YIQ	162.8380, 1.4170, 23.8890

# Conversions

## Conversions Part 2

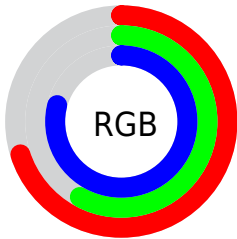
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 147, 202
Decimal	11768778
CIE <sub>Lab</sub>	65.53, 22.30, -23.85
CIE <sub>LCh</sub>	66, 32.650, 313.080
Yxy	34.7154, 0.2942, 0.2574
Android (android.graphics.Color)	4289958858 (0xFFB393CA)
YUV	162.8380, 19.3069, 14.1741
Hunter-Lab	58.9198, 17.1172, -19.6225

# Details

The YUV color **162.8380, 19.3069, 14.1741** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.1620, -19.3069, -14.1741**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3220, 18.5753, 15.5036**, and **110.8980, 18.2913, 13.2445** is the 20% darker color. If you saturate the color by 10%, you get **148.7060, 26.2739, 19.5518**, and if you desaturate by 10%, it is **176.9700, 12.3398, 8.7963**.

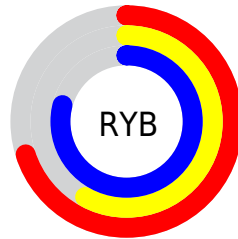
# Distribution



Red (70%)

Green (58%)

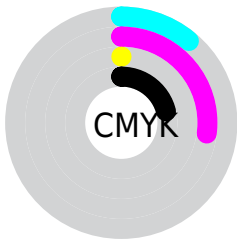
Blue (79%)



Red (70%)

Yellow (58%)

Blue (79%)

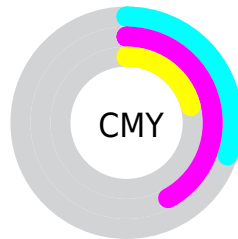


Cyan (11%)

Magenta (27%)

Yellow (0%)

Black (21%)



Cyan (30%)

Magenta (42%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 162.8380, 19.3069, 14.1741 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 162.8380, 19.3069, 14.1741 by changing the saturation by 10% instead.



■ 162.8380, 19.3069,  
14.1741

■ 162.8380, 19.3069,  
14.1741

255.0000, 0.0000,  
0.0000

■ 136.4250, 19.0175,  
13.6593

■ 217.3220, 18.5753,  
15.5036

■ 110.8980, 18.2913,  
13.2445

■ 239.7380, 7.5242,  
13.3848

■ 86.0720, 17.7125,  
12.2149

■ 62.5450, 16.9863,  
11.8000

■ 39.7190, 16.4075,  
10.7704

■ 17.6050, 15.9707,  
10.8704

■ 3.3060, 12.6671,

-2.8994

0.0000, 0.0000,  
0.0000

162.8380, 19.3069,  
14.1741

162.8380, 19.3069,  
14.1741

148.7060, 26.2739,  
19.5518

176.9700, 12.3398,  
8.7963

134.2750, 33.3884,  
24.3148

191.4010, 5.2253,  
4.0333

119.5560, 40.6449,  
30.2074

206.1200, -2.0312,  
-1.8592

105.1250, 47.7594,  
34.9704

220.5510, -9.1456,  
-6.6222

90.9930, 54.7265,  
40.3481

234.6830,  
-16.1127, -12.0000

76.5620, 61.8409,  
45.1111

241.4830,  
-19.4651, -10.0706

62.4300, 68.8080,  
50.4889

243.8750,  
-20.6444, -5.1524

58.3100, 70.8392,  
52.3481

246.5660,  
-21.9710, 0.3806

248.9580,  
-23.1503, 5.2988

# Harmonies

## Analogous

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



158.9310, 28.1350, -17.4795



162.8380, 19.3069, 14.1741



163.3650, 6.7221, 37.3909

# Triad

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



162.8380, 19.3069, 14.1741



158.7870, -27.0100, 30.0048



141.3550, 14.6150, -67.8403

# Complementary

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



162.8380, 19.3069, 14.1741



186.1620, -19.3069, -14.1741

# 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.



147.5140, -3.2114, -43.4238



162.8380, 19.3069, 14.1741



155.7690, -26.5081, 8.9726

# Square

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



162.8380, 19.3069, 14.1741



160.5360, -19.4912, 45.1339



152.3790, -18.4278, -16.1184



140.8670, 28.1666, -74.4284



# Rectangle

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



162.8380, 19.3069, 14.1741



162.6020, -2.7618, 45.9530



152.3790, -18.4278, -16.1184



143.2050, 8.7729, -60.6928

# Sweetspot

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



162.8380, 19.3069, 14.1741



240.5690, 7.1145, 4.7630



167.3580, 17.0785, -17.8540



118.5750, 4.6465, 3.0037



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.



162.8380, 19.3069, 14.1741



195.2270, 29.4681, 21.7259



169.2590, 14.1693, 28.7139



94.9340, 3.4835, 2.6889



47.6280, 58.3574, 42.4222



10.9100, 13.3554, 9.7259



# Inverse Universe

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



166.0670, 1.9390, 31.5132



200.1060, 2.9057, 48.1420



179.7410, -14.1693, -28.7139



95.4460, 0.2731, 5.7479



57.5000, 5.6695, 95.1545



13.1860, 1.3873, 21.7619



# Previews

## White Background



This preview shows how the YUV color 162.8380, 19.3069, 14.1741 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

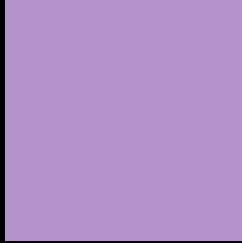
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 162.8380, 19.3069, 14.1741 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 162.8380, 19.3069, 14.1741 Background



This preview shows how black text looks on a background with the YUV color 162.8380, 19.3069, 14.1741.



This preview shows how white text looks on a background with the YUV color 162.8380, 19.3069, 14.1741.



# 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

162.8380, 19.3069, 14.1741

### Protanopia

159.4540, 24.9192, -12.6762

### Deuteranopia

160.4180, 19.5139, -5.6286



## Tritanopia

161.0490, 2.4408, 10.4810

# Trichromacy



## Original Color

162.8380, 19.3069, 14.1741

## Protanomaly

160.3520, 22.9975, -2.9397

## Deuteranomaly

161.4620, 19.4922, 1.3488

## Tritanomaly

161.3680, 8.6926, 11.9553

# Monochromacy



## Original Color

162.8380, 19.3069, 14.1741

## Achromatopsia

163.0000, 0.0000, 0.0000

## Achromatomaly

162.8680, 6.9671, 5.3778

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 162.8380, 19.3069, 14.1741 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(179, 147, 202)` looks like.

```
.text, #text, p{  
    color:rgb(179, 147, 202)  
}
```

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(179, 147, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 147, 202) }
```

## Border

The CSS property to change the border of an element to YUV 162.8380, 19.3069, 14.1741 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(179, 147, 202) }
```



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

```
.border{ border-color:rgb(179, 147, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 147, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 147, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 147, 202);  
box-shadow:4px 4px 4px 4px rgb(179, 147,  
202) }
```

# Background

The CSS property to change the background color of an element to YUV 162.8380, 19.3069, 14.1741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 147, 202) }
```

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

```
.background{ background-color: rgb(179,  
147, 202) }
```

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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