

Converting Colors

YUV(142.4120, 19.0239,
58.3977)

Have a look what the booklet for
YUV(142.4120, 19.0239, 58.3977)
contains.

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Color

**YUV(142.4120, 19.0239,
58.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	D165B5
RGB	209, 101, 181
RGB Percent	82%, 40%, 71%
CMY	0.1804, 0.6039, 0.2902
CMYK	0.00, 0.52, 0.13, 0.18
HSL	316°, 54%, 61%
HSV	316°, 52%, 82%
XYZ	39.2887, 26.1989, 46.7022
YIQ	142.4120, 38.6880, 47.7760

Conversions

Conversions Part 2

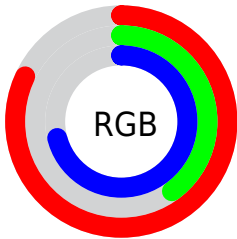
Format	Color
RYB	209, 101, 181
Decimal	13723061
CIELab	58.23, 52.52, -22.86
CIELCh	58, 57.281, 336.483
Yxy	26.1989, 0.3502, 0.2335
Android (android.graphics.Color)	4291913141 (0xFFD165B5)
YUV	142.4120, 19.0239, 58.3977
Hunter-Lab	51.1848, 47.4403, -18.2682

Details

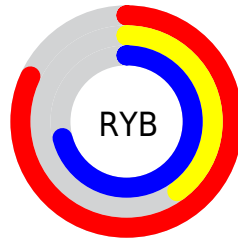
The YUV color **142.4120, 19.0239, 58.3977** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **167.5880, -19.0239, -58.3977**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8350, 20.7873, 52.7647**, and **87.0420, 20.1923, 56.9682** is the 20% darker color. If you saturate the color by 10%, you get **129.5150, 22.9171, 69.7083**, and if you desaturate by 10%, it is **155.3090, 15.1307, 47.0870**.

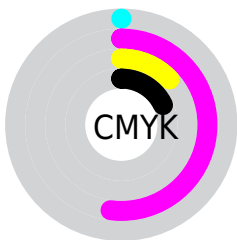
Distribution



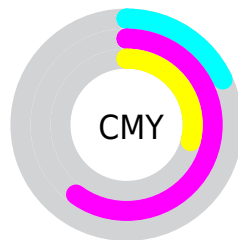
- Red (82%)
- Green (40%)
- Blue (71%)



- Red (82%)
- Yellow (40%)
- Blue (71%)



- Cyan (0%)
- Magenta (52%)
- Yellow (13%)
- Black (18%)





- Cyan (18%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.4120, 19.0239, 58.3977 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 142.4120, 19.0239, 58.3977 by changing the saturation by 10% instead.


 142.4120, 19.0239,
58.3977


 142.4120, 19.0239,
58.3977


255.0000, 0.0000,
0.0000


 114.8140, 19.3187,
57.1681


 194.8350, 20.7873,
52.7647


 87.0420, 20.1923,
56.9682


 213.3230, 20.5468,
36.5507


 55.8620, 23.2390,
59.7570

 229.7590, 12.4438,
22.1364

 37.8950, 19.7718,
51.8351

 246.7820, 4.0515,
7.2072

 27.4990, 13.5580,
38.1504

 18.2280, 7.7756,
26.1100

 1.2820, 2.3260,

0.6297

0.0000, 0.0000,
0.0000

142.4120, 19.0239,
58.3977

142.4120, 19.0239,
58.3977

129.5150, 22.9171,
69.7083

155.3090, 15.1307,
47.0870

116.5040, 26.3735,
81.1190

168.3200, 11.6742,
35.6764

103.6070, 30.2667,
92.4297

181.2170, 7.7810,
24.3657

90.5960, 33.7232,
103.8403

194.2280, 4.3246,
12.9550

80.1610, 36.8956,
112.9918

206.5380, 0.7208,
2.1592

■ 219.5490, -2.7357,
-9.2515

■ 232.4460, -6.6289,
-20.5621

■ 237.7120, -6.7600,
-25.1804

■ 238.3960, -4.1392,
-25.7803

Harmonies

Analogous

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



143.4520, 38.2312, 11.0046



142.4120, 19.0239, 58.3977



137.7080, -3.3070, 80.9401

Triad

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



142.4120, 19.0239, 58.3977



132.4890, -52.0061, 20.6191



118.2530, 39.3153, -103.7079

Complementary

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



142.4120, 19.0239, 58.3977



167.5880, -19.0239, -58.3977

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.



113.3680, 18.0596, -99.4237



142.4120, 19.0239, 58.3977



127.2370, -36.5988, -21.2558

Square

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



142.4120, 19.0239, 58.3977



136.1200, -45.4152, 53.3918



105.6790, -3.7857, -92.6805



118.0200, 56.1921, -103.5035

Rectangle

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



142.4120, 19.0239, 58.3977



136.5820, -19.0209, 81.0506



105.6790, -3.7857, -92.6805



117.1300, 32.4739, -102.7230

Sweetspot

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



142.4120, 19.0239, 58.3977



229.6790, 7.0603, 22.2065



121.3850, 43.1942, 5.8014



112.5270, 4.1772, 13.5698



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.



142.4120, 19.0239, 58.3977



157.5800, 27.8151, 85.4373



136.3700, -4.1264, 63.6965



98.2010, 1.8729, 5.9627



64.4820, 29.8354, 90.7853



15.6790, 7.0603, 22.2065

Inverse Universe

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



142.4120, 19.0239, 58.3977



157.5800, 27.8151, 85.4373



173.6300, 4.1264, -63.6965



98.2010, 1.8729, 5.9627



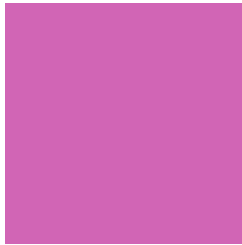
64.4820, 29.8354, 90.7853



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 142.4120, 19.0239, 58.3977 looks on a white background.

Color Contrast Check

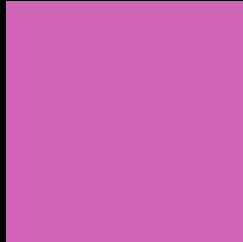
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.4120, 19.0239, 58.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

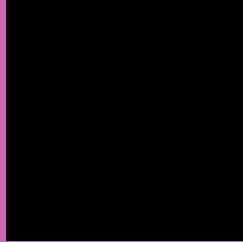
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.4120, 19.0239, 58.3977

Background



This preview shows how black text looks on a background with the YUV color 142.4120, 19.0239, 58.3977.



This preview shows how white text looks on a background with the YUV color 142.4120, 19.0239,

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

142.4120, 19.0239, 58.3977

Protanopia

139.5160, 34.2556, -20.6235

Deuteranopia

141.6200, 16.4563, -4.9287



Tritanopia

141.6370, -9.1880, 53.8154

Trichromacy



Original Color

142.4120, 19.0239, 58.3977



Protanomaly

140.9110, 28.6379, 7.9711



Deuteranomaly

142.2900, 17.1120, 18.1627



Tritanomaly

141.6940, 1.1369, 55.5194

Monochromacy



Original Color

142.4120, 19.0239, 58.3977



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.9670, 6.9183, 21.0769

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.4120, 19.0239, 58.3977 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(209, 101, 181)` looks like.

```
.text, #text, p{  
    color:rgb(209, 101, 181)  
}
```

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(209, 101, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 101, 181) }
```

Border

The CSS property to change the border of an element to YUV 142.4120, 19.0239, 58.3977 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(209, 101, 181) }
```


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

```
.border{ border-color:rgb(209, 101, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 101, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 101, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 101, 181);  
box-shadow:4px 4px 4px 4px rgb(209, 101,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 142.4120, 19.0239, 58.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 101, 181) }
```

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

```
.background{ background-color: rgb(209,  
101, 181) }
```

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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