

Converting Colors

YUV(142.1090, 31.9913,
52.5244)

Have a look what the booklet for
YUV(142.1090, 31.9913, 52.5244)
contains.

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Color

**YUV(142.1090, 31.9913,
52.5244)**

Conversions

Conversions Part 1

Format	Color
Hex	CA63CF
RGB	202, 99, 207
RGB Percent	79%, 39%, 81%
CMY	0.2078, 0.6118, 0.1882
CMYK	0.02, 0.52, 0.00, 0.19
HSL	297°, 53%, 60%
HSV	297°, 52%, 81%
XYZ	40.0814, 25.9852, 61.9346
YIQ	142.1090, 26.7200, 55.4240

Conversions

Conversions Part 2

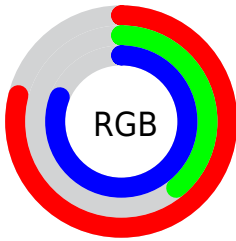
Format	Color
R _Y B	202, 99, 207
Decimal	13263823
CIE _{Lab}	58.02, 55.88, -38.09
CIE _{LCh}	58, 67.628, 325.725
Yxy	25.9852, 0.3131, 0.2030
Android (android.graphics.Color)	4291453903 (0xFFCA63CF)
YUV	142.1090, 31.9913, 52.5244
Hunter-Lab	50.9757, 51.1444, -36.3533

Details

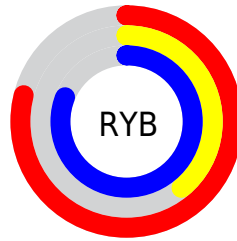
The YUV color **142.1090, 31.9913, 52.5244** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **163.8910, -31.9913, -52.5244**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7130, 29.2285, 51.9947**, and **86.5110, 32.2861, 51.2949** is the 20% darker color. If you saturate the color by 10%, you get **129.4830, 38.2159, 62.7204**, and if you desaturate by 10%, it is **154.7350, 25.7666, 42.3284**.

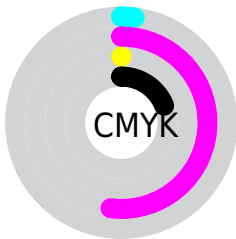
Distribution



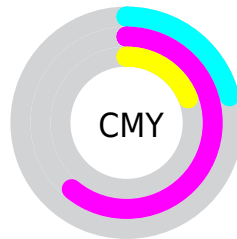
- Red (79%)
- Green (39%)
- Blue (81%)



- Red (79%)
- Yellow (39%)
- Blue (81%)



- Cyan (2%)
- Magenta (52%)
- Yellow (0%)
- Black (19%)





- Cyan (21%)
- Magenta (61%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.1090, 31.9913, 52.5244 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 142.1090, 31.9913, 52.5244 by changing the saturation by 10% instead.


 142.1090, 31.9913,
52.5244


 142.1090, 31.9913,
52.5244


255.0000, 0.0000,
0.0000


 114.3970, 31.8493,
51.3948


 195.7130, 29.2285,
51.9947


 86.5110, 32.2861,
51.2949


 212.1490, 21.1255,
37.5803


 53.1680, 35.9062,
56.8577

 228.5850, 13.0226,
23.1660

 38.6090, 30.2658,
45.9469

 245.6080, 4.6303,
8.2368

 28.0990, 23.6152,
32.3622

 18.3010, 17.1066,
19.9070

 3.4200, 13.1039,

-2.9993

■ 0.0000, 0.0000,
0.0000

■ 142.1090, 31.9913,
52.5244

■ 142.1090, 31.9913,
52.5244

■ 129.4830, 38.2159,
62.7204

■ 154.7350, 25.7666,
42.3284

■ 117.4440, 44.1511,
72.4016

■ 166.7740, 19.8314,
32.6472

■ 104.8180, 50.3757,
82.5976

■ 179.4000, 13.6068,
22.4512

■ 92.1920, 56.6003,
92.7936

■ 192.0260, 7.3822,
12.2552

■ 82.5010, 61.3780,
100.4156

■ 204.6520, 1.1576,
2.0592

■ 216.6910, -4.7777,
-7.6220

■ 229.3170,
-11.0023, -17.8180

■ 236.0730,
-14.3330, -22.8660

■ 236.3720,
-14.4804, -22.2512

Harmonies

Analogous

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



138.5870, 53.4476, -16.3008



142.1090, 31.9913, 52.5244



134.4610, 8.1537, 91.6807

Triad

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



142.1090, 31.9913, 52.5244



130.6840, -64.4272, 37.9881



118.9880, 34.5159, -104.3525

Complementary

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



142.1090, 31.9913, 52.5244



163.8910, -31.9913, -52.5244

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.



112.1480, 8.3080, -98.3538



142.1090, 31.9913, 52.5244



123.9190, -61.0921, -5.1910

Square

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



142.1090, 31.9913, 52.5244



133.4970, -47.0800, 74.1091



103.1560, -17.3319, -87.8368



122.1120, 56.6398, -107.0922

Rectangle

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



142.1090, 31.9913, 52.5244



131.6950, -10.2026, 99.3685



103.1560, -17.3319, -87.8368



117.4090, 25.9274, -102.9677

Sweetspot

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



142.1090, 31.9913, 52.5244



230.3350, 12.1598, 19.8772



114.2470, 45.7272, -13.3716



112.7270, 7.5296, 11.6404



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.



142.1090, 31.9913, 52.5244



158.4000, 47.6238, 78.5792



138.0180, 9.8511, 60.4972



98.2440, 3.3307, 5.0480



67.2910, 49.6495, 82.1828



16.3350, 12.1598, 19.8772

Inverse Universe

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



131.8620, -13.7360, 65.8960



143.0510, -20.2381, 98.1793



167.9820, -9.8511, -60.4972



97.4030, -1.1847, 6.6626



51.1440, -21.2700, 102.4827



12.4870, -5.1701, 25.0059

Previews

White Background



This preview shows how the YUV color 142.1090, 31.9913, 52.5244 looks on a white background.

Color Contrast Check

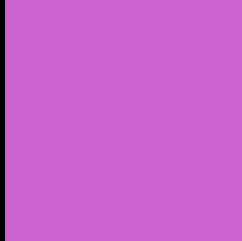
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.1090, 31.9913, 52.5244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

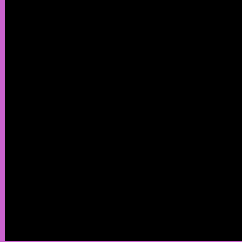
Any Text WCAG AA ✓ Pass

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 142.1090, 31.9913, 52.5244 Background



This preview shows how black text looks on a background with the YUV color 142.1090, 31.9913, 52.5244.



This preview shows how white text looks on a background with the YUV color 142.1090, 31.9913,

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

142.1090, 31.9913, 52.5244

Protanopia

136.1840, 51.1813, -36.1184

Deuteranopia

139.3760, 29.8876, -19.6238



Tritanopia

141.8530, -6.8295, 43.9789

Trichromacy



Original Color

142.1090, 31.9913, 52.5244



Protanomaly

138.2590, 44.2423, -3.7351



Deuteranomaly

140.1820, 30.9693, 6.8564



Tritanomaly

142.2460, 7.2737, 47.1423

Monochromacy



Original Color

142.1090, 31.9913, 52.5244



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.9220, 11.8705, 19.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1090, 31.9913, 52.5244 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(202, 99, 207)` looks like.

```
.text, #text, p{  
    color:rgb(202, 99, 207)  
}
```

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(202, 99, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 99, 207) }
```

Border

The CSS property to change the border of an element to YUV 142.1090, 31.9913, 52.5244 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(202, 99, 207) }
```


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

```
.border{ border-color:rgb(202, 99, 207) }
```

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

Here you see how a box with a 4 pixel rgb(202, 99, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 99, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 99, 207);  
box-shadow:4px 4px 4px 4px rgb(202, 99,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 142.1090, 31.9913, 52.5244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 99, 207) }
```

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

```
.background{ background-color: rgb(202, 99,  
207) }
```

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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