

Converting Colors

YUV(142.6720, 17.9097,
42.3837)

Have a look what the booklet for
YUV(142.6720, 17.9097, 42.3837)
contains.

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Color

**YUV(142.6720, 17.9097,
42.3837)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6FB3
RGB	191, 111, 179
RGB Percent	75%, 44%, 70%
CMY	0.2510, 0.5647, 0.2980
CMYK	0.00, 0.42, 0.06, 0.25
HSL	309°, 38%, 59%
HSV	309°, 42%, 75%
XYZ	35.3070, 25.6999, 45.7475
YIQ	142.6720, 25.8520, 38.1080

Conversions

Conversions Part 2

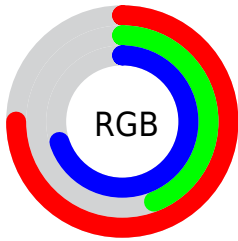
Format	Color
RYB	191, 111, 179
Decimal	12545971
CIELab	57.75, 41.53, -22.64
CIELCh	58, 47.303, 331.407
Yxy	25.6999, 0.3307, 0.2407
Android (android.graphics.Color)	4290736051 (0xFFBF6FB3)
YUV	142.6720, 17.9097, 42.3837
Hunter-Lab	50.6951, 35.6013, -18.0171

Details

The YUV color **142.6720, 17.9097, 42.3837** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **159.3280, -17.9097, -42.3837**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5090, 18.4831, 45.1576**, and **90.2480, 17.6257, 40.1245** is the 20% darker color. If you saturate the color by 10%, you get **131.1770, 22.0977, 52.4648**, and if you desaturate by 10%, it is **154.1670, 13.7217, 32.3025**.

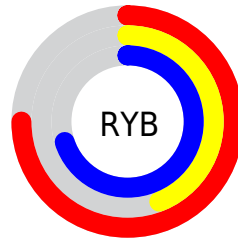
Distribution



Red (75%)

Green (44%)

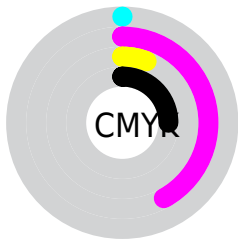
Blue (70%)



Red (75%)

Yellow (44%)

Blue (70%)

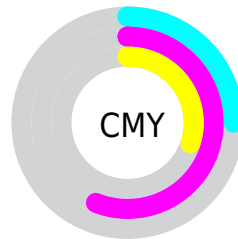


Cyan (0%)

Magenta (42%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (56%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.6720, 17.9097, 42.3837 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 142.6720, 17.9097, 42.3837 by changing the saturation by 10% instead.


 142.6720, 17.9097,
42.3837


 142.6720, 17.9097,
42.3837


255.0000, 0.0000,
0.0000

 115.9600, 17.7677,
41.2541


 197.5090, 18.4831,
45.1576

 90.2480, 17.6257,
40.1245


 218.0190, 18.2316,
32.4323


 64.0630, 18.2099,
39.4097

 235.0420, 9.8393,
17.5032

 35.3560, 20.5305,
41.7838

 251.4780, 1.7363,
3.0888

 23.4980, 15.0375,
30.2583

 14.7110, 8.5235,
19.5475

 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 142.6720, 17.9097,
42.3837

■ 142.6720, 17.9097,
42.3837

■ 131.1770, 22.0977,
52.4648

■ 154.1670, 13.7217,
32.3025

■ 119.6820, 26.2858,
62.5459

■ 165.6620, 9.5336,
22.2214

■ 108.1870, 30.4738,
72.6270

■ 177.1570, 5.3456,
12.1403

■ 96.8060, 35.0986,
82.6081

■ 188.5380, 0.7208,
2.1592

■ 85.3110, 39.2867,
92.6893

■ 200.6200, -3.7567,
-8.4367

■ 75.5770, 42.6065,
101.2260

■ 212.1150, -7.9447,
-18.5179

■ 223.6100,
-12.1327, -28.5990

■ 229.8220,
-13.7162, -34.0469

■ 230.1640,
-12.4059, -34.3468

Harmonies

Analogous

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



141.1320, 33.4589, 1.6382



142.6720, 17.9097, 42.3837



140.1790, -1.0742, 64.7410

Triad

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



142.6720, 17.9097, 42.3837



134.1870, -40.5182, 22.6380



113.9670, 33.0473, -99.9491

Complementary

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



142.6720, 17.9097, 42.3837



159.3280, -17.9097, -42.3837

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.



109.1790, 14.7018, -95.7500



142.6720, 17.9097, 42.3837



130.1550, -32.1214, -10.6599

Square

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



142.6720, 17.9097, 42.3837



136.8450, -34.9266, 49.2479



121.1680, -11.9148, -51.8903



113.8650, 47.8876, -99.8596

Rectangle

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



142.6720, 17.9097, 42.3837



138.8730, -13.7414, 67.6404



121.1680, -11.9148, -51.8903



112.4850, 27.3689, -98.6493

Sweetspot

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



142.6720, 17.9097, 42.3837



227.7600, 7.5133, 16.8735



123.7080, 33.1750, -0.6209



112.9180, 4.4774, 10.5959



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



142.6720, 17.9097, 42.3837



172.7470, 27.7327, 65.1199



138.1120, 0.4378, 46.3828



88.6030, 2.1677, 4.7332



62.5180, 35.2406, 83.7377



12.2330, 6.7871, 16.4587

Inverse Universe

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



142.6720, 17.9097, 42.3837



172.7470, 27.7327, 65.1199



163.8880, -0.4378, -46.3828



88.6030, 2.1677, 4.7332



62.5180, 35.2406, 83.7377



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 142.6720, 17.9097, 42.3837 looks on a white background.

Color Contrast Check

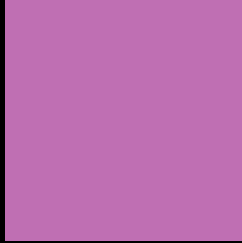
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.6720, 17.9097, 42.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

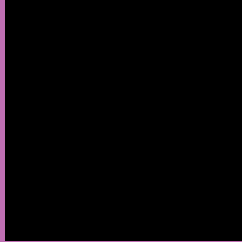
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.6720, 17.9097, 42.3837

Background



This preview shows how black text looks on a background with the YUV color 142.6720, 17.9097, 42.3837.



This preview shows how white text looks on a background with the YUV color 142.6720, 17.9097,

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

142.6720, 17.9097, 42.3837

Protanopia

138.9850, 29.5874, -16.6498

Deuteranopia

139.7340, 16.8931, -5.0287



Tritanopia

141.1620, -5.5029, 38.4459

Trichromacy



Original Color

142.6720, 17.9097, 42.3837

Protanomaly

140.6780, 25.3017, 4.6674

Deuteranomaly

140.9580, 17.2757, 12.3148

Tritanomaly

141.4640, 3.2222, 39.9351

Monochromacy



Original Color

142.6720, 17.9097, 42.3837

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.5210, 6.6451, 15.3291

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.6720, 17.9097, 42.3837 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(191, 111, 179)` looks like.

```
.text, #text, p{  
    color:rgb(191, 111, 179)  
}
```

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(191, 111, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 111, 179) }
```

Border

The CSS property to change the border of an element to YUV 142.6720, 17.9097, 42.3837 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(191, 111, 179) }
```


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

```
.border{ border-color:rgb(191, 111, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 111, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 111, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 111, 179);  
box-shadow:4px 4px 4px 4px rgb(191, 111,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 142.6720, 17.9097, 42.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 111, 179) }
```

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

```
.background{ background-color: rgb(191,  
111, 179) }
```

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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