

Converting Colors

YUV(136.8720, 41.4751,
43.9623)

Have a look what the booklet for
YUV(136.8720, 41.4751, 43.9623)
contains.

YUV(136.8720, 41.4751, 43.9623)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(136.8720, 41.4751,
43.9623)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5FDD
RGB	187, 95, 221
RGB Percent	73%, 37%, 87%
CMY	0.2667, 0.6275, 0.1333
CMYK	0.15, 0.57, 0.00, 0.13
HSL	284°, 65%, 62%
HSV	284°, 57%, 87%
XYZ	37.6369, 23.9697, 71.0495
YIQ	136.8720, 14.3860, 58.6900

Conversions

Conversions Part 2

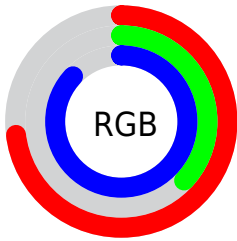
Format	Color
RYB	187, 95, 221
Decimal	12279773
CIELab	56.06, 56.57, -49.24
CIELCh	56, 74.998, 318.967
Yxy	23.9697, 0.2837, 0.1807
Android (android.graphics.Color)	4290469853 (0xFFBB5FDD)
YUV	136.8720, 41.4751, 43.9623
Hunter-Lab	48.9588, 51.5431, -51.7711

Details

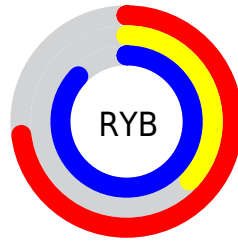
The YUV color **136.8720, 41.4751, 43.9623** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **179.1280, -41.4751, -43.9623**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0870, 32.0021, 49.0357**, and **81.4590, 41.1857, 43.4475** is the 20% darker color. If you saturate the color by 10%, you get **122.1640, 48.7261, 51.5992**, and if you desaturate by 10%, it is **151.5800, 34.2241, 36.3253**.

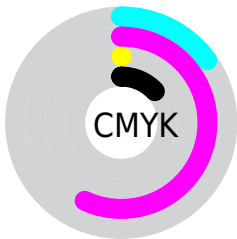
Distribution



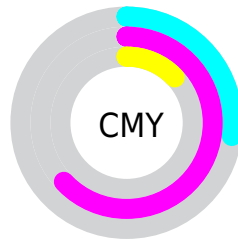
- Red (73%)
- Green (37%)
- Blue (87%)



- Red (73%)
- Yellow (37%)
- Blue (87%)



- Cyan (15%)
- Magenta (57%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (63%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8720, 41.4751, 43.9623 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 136.8720, 41.4751, 43.9623 by changing the saturation by 10% instead.

136.8720, 41.4751,
43.9623

136.8720, 41.4751,
43.9623

255.0000, 0.0000,
0.0000

109.4590, 41.1857,
43.4475

190.0870, 32.0021,
49.0357

81.4590, 41.1857,
43.4475

209.2140, 22.5725,
40.1543

47.1160, 44.8058,
49.0103

226.2370, 14.1802,
25.2252

35.4920, 37.7184,
35.5255

242.6730, 6.0772,
10.8108

24.5690, 30.7785,
21.4260

13.7600, 24.2753,
7.2265

6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 136.8720, 41.4751,
43.9623

■ 136.8720, 41.4751,
43.9623

■ 122.1640, 48.7261,
51.5992

■ 151.5800, 34.2241,
36.3253

■ 107.4560, 55.9772,
59.2361

■ 166.2880, 26.9730,
28.6884

■ 92.7480, 63.2282,
66.8730

■ 180.9960, 19.7220,
21.0515

■ 78.0400, 70.4793,
74.5099

■ 195.7040, 12.4709,
13.4146

73.3330, 72.7998,
76.8840

210.9990, 4.9305,
5.2629

225.7070, -2.3206,
-2.3740

240.4150, -9.5716,
-10.0110

245.1440,
-11.9030, -8.8963

246.9380,
-12.7874, -5.2076

Harmonies

Analogous

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



123.6410, 64.7600, -51.4282



136.8720, 41.4751, 43.9623



125.0240, 17.7362, 98.2030

Triad

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



136.8720, 41.4751, 43.9623



126.6190, -62.4232, 48.5691



115.6310, 29.2689, -101.4084

Complementary

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



136.8720, 41.4751, 43.9623



179.1280, -41.4751, -43.9623

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.



107.2920, -0.1440, -94.0951



136.8720, 41.4751, 43.9623



121.3050, -59.8034, 1.4865

Square

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



136.8720, 41.4751, 43.9623



125.3400, -45.5236, 88.2788



101.7700, -31.9316, -71.7123



120.3680, 55.0346, -105.5627

Rectangle

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



136.8720, 41.4751, 43.9623



119.8890, -0.9313, 112.3533



101.7700, -31.9316, -71.7123



113.1230, 19.6594, -99.2089

Sweetspot

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



136.8720, 41.4751, 43.9623



226.1710, 14.2127, 14.7590



130.4960, 44.6185, -31.1300



110.6450, 8.5560, 9.0813



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.



136.8720, 41.4751, 43.9623



139.3960, 56.9928, 60.1657



143.9600, 24.6697, 67.5641



102.6460, 3.6255, 3.8185



57.6950, 56.8454, 60.7805



15.4100, 15.0809, 16.3034

Inverse Universe

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



136.5500, -3.7221, 74.0627



138.9710, -5.4087, 101.7574



172.0400, -24.6697, -67.5641



102.6310, -0.3111, 6.4626



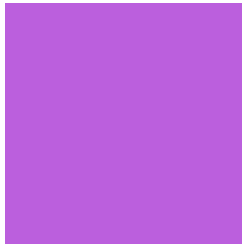
57.0850, -4.9719, 101.6575



15.1220, -1.5391, 27.0800

Previews

White Background



This preview shows how the YUV color 136.8720, 41.4751, 43.9623 looks on a white background.

Color Contrast Check

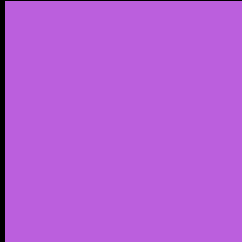
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8720, 41.4751, 43.9623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

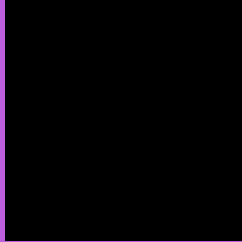
Any Text WCAG AA ✓ Pass

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 136.8720, 41.4751, 43.9623 Background



This preview shows how black text looks on a background with the YUV color 136.8720, 41.4751, 43.9623.



This preview shows how white text looks on a background with the YUV color 136.8720, 41.4751,

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

136.8720, 41.4751, 43.9623

Protanopia

125.7010, 63.7444, -52.3578

Deuteranopia

130.7360, 40.5562, -34.8485



Tritanopia

136.8730, -3.8814, 31.6834

Trichromacy



Original Color

136.8720, 41.4751, 43.9623



Protanomaly

129.8580, 55.7790, -17.4155



Deuteranomaly

132.7380, 41.0482, -5.9092



Tritanomaly

136.8470, 12.4004, 36.0912

Monochromacy



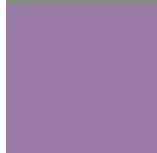
Original Color

136.8720, 41.4751, 43.9623



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.1110, 15.2283, 15.6887

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8720, 41.4751, 43.9623 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(187, 95, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 95, 221)  
}
```

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(187, 95, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 95, 221) }
```

Border

The CSS property to change the border of an element to YUV 136.8720, 41.4751, 43.9623 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(187, 95, 221) }
```


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

```
.border{ border-color:rgb(187, 95, 221) }
```

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

Here you see how a box with a 4 pixel rgb(187, 95, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 95, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 95, 221);  
box-shadow:4px 4px 4px 4px rgb(187, 95,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 136.8720, 41.4751, 43.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 95, 221) }
```

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

```
.background{ background-color: rgb(187, 95,  
221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor