

Converting Colors

YUV(136.8350, 57.7623,
46.6257)

Have a look what the booklet for
YUV(136.8350, 57.7623, 46.6257)
contains.

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Color

**YUV(136.8350, 57.7623,
46.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	BE57FE
RGB	190, 87, 254
RGB Percent	75%, 34%, 100%
CMY	0.2549, 0.6588, 0.0039
CMYK	0.25, 0.66, 0.00, 0.00
HSL	277°, 99%, 67%
HSV	277°, 66%, 100%
XYZ	42.5328, 24.9193, 96.3341
YIQ	136.8350, 7.7810, 73.7730

Conversions

Conversions Part 2

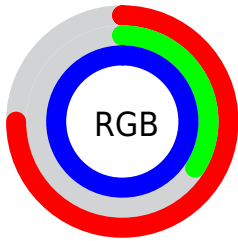
Format	Color
R _{YB}	190, 87, 254
Decimal	12474366
CIE _{Lab}	57.00, 67.80, -66.14
CIE _{LCh}	57, 94.721, 315.708
Yxy	24.9193, 0.2597, 0.1521
Android (android.graphics.Color)	4290664446 (0xFFBE57FE)
YUV	136.8350, 57.7623, 46.6257
Hunter-Lab	49.9192, 64.7291, -79.4744

Details

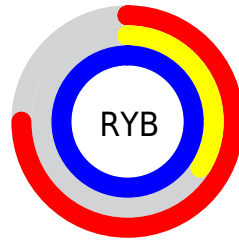
The YUV color **136.8350, 57.7623, 46.6257** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **204.1650, -57.7623, -46.6257**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7610, 33.1488, 54.5836**, and **76.1880, 59.0673, 48.0701** is the 20% darker color. If you saturate the color by 10%, you get **119.1700, 66.4712, 53.3479**, and if you desaturate by 10%, it is **154.5000, 49.0535, 39.9035**.

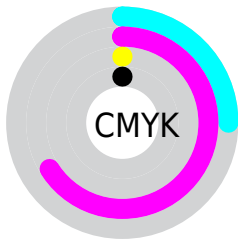
Distribution



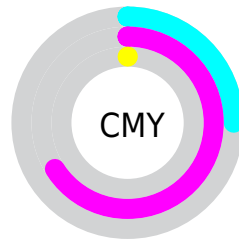
- Red (75%)
- Green (34%)
- Blue (100%)



- Red (75%)
- Yellow (34%)
- Blue (100%)



- Cyan (25%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8350, 57.7623, 46.6257 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 136.8350, 57.7623, 46.6257 by changing the saturation by 10% instead.

136.8350, 57.7623,
46.6257

136.8350, 57.7623,
46.6257

255.0000, 0.0000,
0.0000

107.8350, 57.7623,
46.6257

187.7610, 33.1488,
54.5836

76.1880, 59.0673,
48.0701

205.6920, 24.3088,
43.2431

49.6500, 58.3465,
45.9109

222.7150, 15.9165,
28.3139

37.9010, 50.8278,
30.7818

239.7380, 7.5242,
13.3848

25.3690, 44.1881,
13.7084

10.1460, 38.8750,
-8.8980

7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 136.8350, 57.7623,
46.6257

■ 136.8350, 57.7623,
46.6257

■ 119.1700, 66.4712,
53.3479

■ 154.5000, 49.0535,
39.9035

■ 101.2170, 75.3220,
61.1997

■ 172.4530, 40.2027,
32.0517

■ 83.5520, 84.0309,
67.9219

■ 190.1180, 31.4938,
25.3295

■ 75.8990, 87.8038,
71.1256

■ 208.3700, 22.4956,
18.0925

■ 226.0350, 13.7867,
11.3703

■ 243.4010, 5.2253,
4.0333

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



107.1410, 72.8945, -93.9627



136.8350, 57.7623, 46.6257



96.7650, 41.0349, 138.7721

Triad

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



136.8350, 57.7623, 46.6257



129.0550, -63.6241, 60.4648



120.8970, 29.1378, -106.0267

Complementary

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



136.8350, 57.7623, 46.6257



204.1650, -57.7623, -46.6257

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.



109.2180, -7.9955, -95.7842



136.8350, 57.7623, 46.6257



123.9630, -61.1138, 1.7864

Square

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



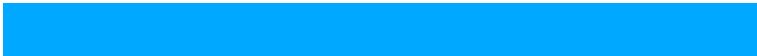
136.8350, 57.7623, 46.6257



116.3670, -56.3829, 118.0731



94.5070, -46.5920, -82.8826



128.2730, 62.4764, -112.4954

Rectangle

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



136.8350, 57.7623, 46.6257



90.4950, 17.0110, 144.2709



94.5070, -46.5920, -82.8826



117.0040, 16.7600, -102.6125

Sweetspot

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



136.8350, 57.7623, 46.6257



219.0830, 17.7071, 13.9592



143.6060, 54.4242, -49.6435



106.2150, 10.7400, 8.5814



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.



136.8350, 57.7623, 46.6257



113.9900, 69.5179, 56.1368



153.8050, 40.0291, 87.8710



118.8740, 4.4991, 3.6185



57.0560, 66.0344, 53.4479



18.9570, 22.2062, 17.5777

Inverse Universe

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



144.2290, 3.3381, 96.2692



122.8770, 4.0046, 115.8719



187.1950, -40.0291, -87.8710



119.4570, 0.2677, 7.4922



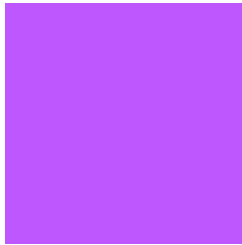
65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 136.8350, 57.7623, 46.6257 looks on a white background.

Color Contrast Check

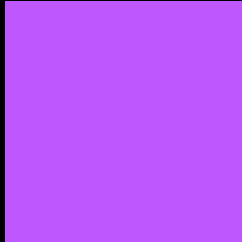
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8350, 57.7623, 46.6257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

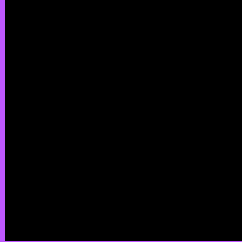
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.8350, 57.7623, 46.6257

Background



This preview shows how black text looks on a background with the YUV color 136.8350, 57.7623, 46.6257.



This preview shows how white text looks on a background with the YUV color 136.8350, 57.7623,

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

136.8350, 57.7623, 46.6257

Protanopia

128.3700, 62.4286, -50.3135

Deuteranopia

119.5750, 61.3415, -75.0493



Tritanopia

138.8940, -2.4127, 27.2800

Trichromacy



Original Color

136.8350, 57.7623, 46.6257



Protanomaly

131.2480, 61.0097, -15.1265



Deuteranomaly

125.9210, 60.1849, -30.6257



Tritanomaly

138.3720, 19.5366, 33.8768

Monochromacy



Original Color

136.8350, 57.7623, 46.6257



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.0170, 21.1906, 16.6481

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8350, 57.7623, 46.6257 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(190, 87, 254)` looks like.

```
.text, #text, p{  
    color:rgb(190, 87, 254)  
}
```

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(190, 87, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 87, 254) }
```

Border

The CSS property to change the border of an element to YUV 136.8350, 57.7623, 46.6257 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(190, 87, 254) }
```


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

```
.border{ border-color:rgb(190, 87, 254) }
```

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

Here you see how a box with a 4 pixel rgb(190, 87, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 87, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 87, 254);  
box-shadow:4px 4px 4px 4px rgb(190, 87,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 136.8350, 57.7623, 46.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 87, 254) }
```

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

```
.background{ background-color: rgb(190, 87,  
254) }
```

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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