

Converting Colors

YUV(134.8230, 59.2473,
36.9892)

Have a look what the booklet for
YUV(134.8230, 59.2473, 36.9892)
contains.

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Color

**YUV(134.8230, 59.2473,
36.9892)**

Conversions

Conversions Part 1

Format	Color
Hex	B15AFF
RGB	177, 90, 255
RGB Percent	69%, 35%, 100%
CMY	0.3059, 0.6471, 0.0000
CMYK	0.31, 0.65, 0.00, 0.00
HSL	272°, 100%, 68%
HSV	272°, 65%, 100%
XYZ	39.8376, 23.8794, 97.1173
YIQ	134.8230, -1.1130, 69.7590

Conversions

Conversions Part 2

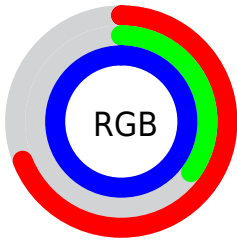
Format	Color
R_{YB}	177, 90, 255
Decimal	11623167
CIE _{Lab}	55.97, 63.98, -68.44
CIE _{LCh}	56, 93.691, 313.073
Yxy	23.8794, 0.2477, 0.1485
Android (android.graphics.Color)	4289813247 (0xFFB15AFF)
YUV	134.8230, 59.2473, 36.9892
Hunter-Lab	48.8666, 60.0024, -83.6261

Details

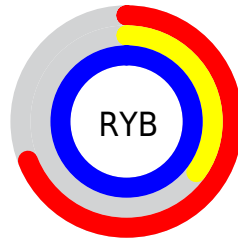
The YUV color **134.8230, 59.2473, 36.9892** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **210.1770, -59.2473, -36.9892**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.0480, 34.4863, 45.5619**, and **77.1110, 59.1053, 35.8597** is the 20% darker color. If you saturate the color by 10%, you get **116.5600, 68.2509, 42.4819**, and if you desaturate by 10%, it is **153.6730, 49.9542, 30.9818**.

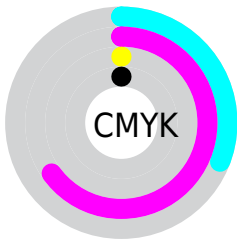
Distribution



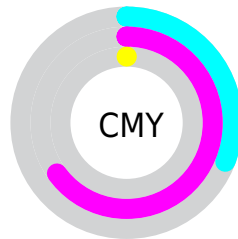
- Red (69%)
- Green (35%)
- Blue (100%)



- Red (69%)
- Yellow (35%)
- Blue (100%)



- Cyan (31%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 134.8230, 59.2473, 36.9892 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 134.8230, 59.2473, 36.9892 by changing the saturation by 10% instead.


 134.8230, 59.2473,
36.9892


 134.8230, 59.2473,
36.9892


255.0000, 0.0000,
0.0000


 106.9970, 58.6685,
35.9596


 185.0480, 34.4863,
45.5619

 77.1110, 59.1053,
35.8597


 206.8660, 23.7301,
42.2135


 45.8770, 60.6996,
37.8189

 223.3020, 15.6271,
27.7991

 33.5300, 53.4757,
21.4602

 240.3250, 7.2348,
12.8700

 18.9050, 47.8678,
0.0833

 10.2600, 39.3118,
-8.9980

 9.7580, 27.2343,

-8.5578

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 134.8230, 59.2473,
36.9892

■ 134.8230, 59.2473,
36.9892

■ 116.5600, 68.2509,
42.4819

■ 153.6730, 49.9542,
30.9818

■ 97.7100, 77.5440,
48.4893

■ 171.9360, 40.9506,
25.4891

■ 79.4470, 86.5476,
53.9820

■ 190.7860, 31.6575,
19.4817

■ 69.1360, 91.6310,
56.8857

■ 209.0490, 22.6538,
13.9890

■ 227.8990, 13.3608,
7.9816

■ 246.1620, 4.3571,
2.4889

255.0000, 0.0000,
0.0000

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



134.8230, 59.2473, 36.9892



96.3240, 43.2243, 136.5279

Triad

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



134.8230, 59.2473, 36.9892



126.1310, -62.1826, 64.7831



117.2950, 25.4906, -102.8677

Complementary

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



134.8230, 59.2473, 36.9892



210.1770, -59.2473, -36.9892

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.



106.3170, -11.4953, -93.2400



134.8230, 59.2473, 36.9892



122.5230, -60.4038, 7.4343

Square

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



134.8230, 59.2473, 36.9892



113.6690, -47.6578, 119.5623



92.1590, -45.4344, -80.8234



125.3720, 58.9766, -109.9512

Rectangle

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



134.8230, 59.2473, 36.9892



91.0650, 19.1950, 143.7710



92.1590, -45.4344, -80.8234



114.1030, 13.2602, -100.0683

Sweetspot

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



134.8230, 59.2473, 36.9892



219.9470, 17.2811, 10.5705



155.7700, 48.9204, -57.6803



106.2040, 10.7454, 6.8371



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.



134.8230, 59.2473, 36.9892



110.0810, 71.4451, 44.6560



157.8030, 46.4391, 85.2418



118.2760, 4.7939, 2.3889



51.9730, 68.5403, 42.9967



17.4620, 22.9432, 14.5038

Inverse Universe

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



148.2270, 9.7481, 93.6399



126.2170, 11.7250, 112.9427



187.1970, -46.4391, -85.2418



119.5710, 0.7045, 7.3922



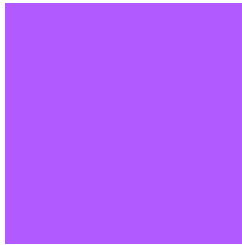
67.3690, 11.1571, 108.4244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 134.8230, 59.2473, 36.9892 looks on a white background.

Color Contrast Check

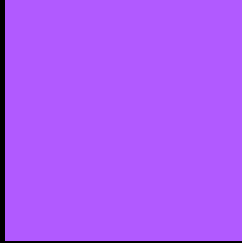
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.8230, 59.2473, 36.9892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

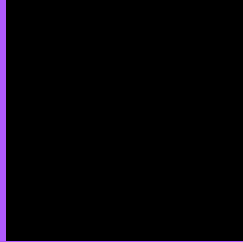
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.8230, 59.2473, 36.9892

Background



This preview shows how black text looks on a background with the YUV color 134.8230, 59.2473, 36.9892.



This preview shows how white text looks on a background with the YUV color 134.8230, 59.2473, 36.9892.

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

134.8230, 59.2473, 36.9892

Protanopia

123.9180, 64.6234, -54.3021

Deuteranopia

107.8930, 65.6218, -94.6222



Tritanopia

135.8110, 0.0932, 16.8288

Trichromacy



Original Color

134.8230, 59.2473, 36.9892



Protanomaly

127.6710, 62.7732, -20.7595



Deuteranomaly

117.6200, 63.2913, -47.0247



Tritanomaly

135.4740, 21.4583, 24.1403

Monochromacy



Original Color

134.8230, 59.2473, 36.9892



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.1090, 21.6383, 13.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8230, 59.2473, 36.9892 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(177, 90, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 90, 255)  
}
```

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(177, 90, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 90, 255) }
```

Border

The CSS property to change the border of an element to YUV 134.8230, 59.2473, 36.9892 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(177, 90, 255) }
```


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

```
.border{ border-color:rgb(177, 90, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 90, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 90, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 90, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 90,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 134.8230, 59.2473, 36.9892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 90, 255) }
```

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

```
.background{ background-color: rgb(177, 90,  
255) }
```

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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