

Converting Colors

YUV(133.4050, 59.9463,
46.1258)

Have a look what the booklet for
YUV(133.4050, 59.9463, 46.1258)
contains.

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Color

**YUV(133.4050, 59.9463,
46.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	BA53FF
RGB	186, 83, 255
RGB Percent	73%, 33%, 100%
CMY	0.2706, 0.6745, 0.0000
CMYK	0.27, 0.67, 0.00, 0.00
HSL	276°, 100%, 66%
HSV	276°, 67%, 100%
XYZ	41.3930, 23.8456, 97.0288
YIQ	133.4050, 6.1760, 75.3280

Conversions

Conversions Part 2

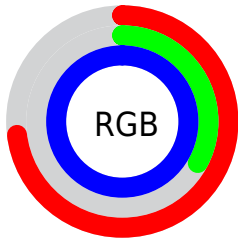
Format	Color
R _Y B	186, 83, 255
Decimal	12211199
CIE Lab	55.93, 68.94, -68.44
CIE LCh	56, 97.141, 315.208
Yxy	23.8456, 0.2551, 0.1470
Android (android.graphics.Color)	4290401279 (0xFFBA53FF)
YUV	133.4050, 59.9463, 46.1258
Hunter-Lab	48.8320, 65.8515, -83.6264

Details

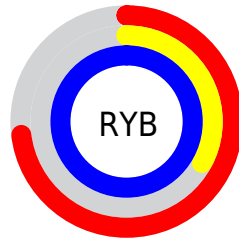
The YUV color **133.4050, 59.9463, 46.1258** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **204.5950, -59.9463, -46.1258**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.2170, 34.8960, 54.1837**, and **70.4100, 62.4089, 49.6294** is the 20% darker color. If you saturate the color by 10%, you get **115.1530, 68.9446, 53.3628**, and if you desaturate by 10%, it is **151.0700, 51.2375, 39.4036**.

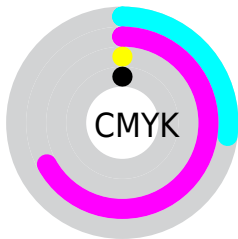
Distribution



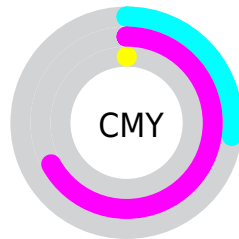
- Red (73%)
- Green (33%)
- Blue (100%)



- Red (73%)
- Yellow (33%)
- Blue (100%)



- Cyan (27%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.4050, 59.9463, 46.1258 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 133.4050, 59.9463, 46.1258 by changing the saturation by 10% instead.


 133.4050, 59.9463,
46.1258


 133.4050, 59.9463,
46.1258


255.0000, 0.0000,
0.0000


 104.1060, 60.0937,
45.5110


 184.2170, 34.8960,
54.1837

 70.4100, 62.4089,
49.6294


 203.3440, 25.4664,
45.3023


 48.5680, 59.3730,
43.3519

 220.3670, 17.0741,
30.3731

 36.5200, 52.0016,
27.6080

 237.3900, 8.6817,
15.4440

 23.3900, 45.6567,
9.3050

 10.2600, 39.3118,
-8.9980

 7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 133.4050, 59.9463,
46.1258

■ 133.4050, 59.9463,
46.1258

■ 115.1530, 68.9446,
53.3628

■ 151.0700, 51.2375,
39.4036

■ 97.4880, 77.6534,
60.0850

■ 169.3220, 42.2393,
32.1666

■ 79.5240, 86.5097,
66.1925

■ 187.8730, 33.0936,
25.5444

■ 74.8170, 88.8302,
68.5665

■ 205.5380, 24.3848,
18.8222

■ 223.7900, 15.3865,
11.5852

■ 241.4550, 6.6777,
4.8630

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.



105.9670, 73.4733, -92.9331



133.4050, 59.9463, 46.1258



96.6510, 40.5981, 138.8721

Triad

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



133.4050, 59.9463, 46.1258



126.4080, -62.3191, 61.9092



118.6800, 28.2588, -104.0824

Complementary

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



133.4050, 59.9463, 46.1258



204.5950, -59.9463, -46.1258

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.



106.7730, -9.7481, -93.6399



133.4050, 59.9463, 46.1258



121.6040, -59.9508, 2.1013

Square

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



133.4050, 59.9463, 46.1258



111.1440, -54.7940, 121.7767



93.3330, -46.0132, -81.8530



126.9850, 62.6184, -111.3658

Rectangle

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



133.4050, 59.9463, 46.1258



90.3810, 16.5742, 144.3709



93.3330, -46.0132, -81.8530



115.3740, 15.5916, -101.1830

Sweetspot

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



133.4050, 59.9463, 46.1258



219.0830, 17.7071, 13.9592



144.8720, 54.2931, -54.2617



105.9160, 10.8874, 7.9667



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.



133.4050, 59.9463, 46.1258



108.6740, 72.1387, 55.5369



152.4400, 43.6601, 89.9451



118.5750, 4.6465, 3.0037



56.1590, 66.4766, 51.6036



18.6580, 22.3536, 16.9629

Inverse Universe

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



142.2940, 4.7851, 98.8432



119.3550, 5.7410, 118.9607



185.5600, -43.6601, -89.9451



119.4570, 0.2677, 7.4922



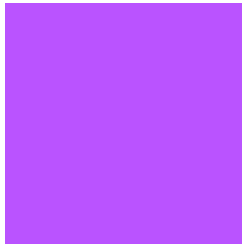
65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 133.4050, 59.9463, 46.1258 looks on a white background.

Color Contrast Check

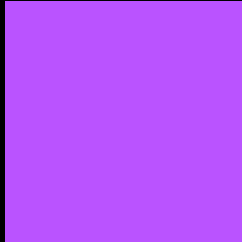
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4050, 59.9463, 46.1258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

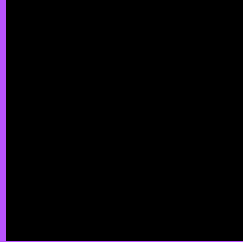
Any Text WCAG AA ✓ Pass

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 133.4050, 59.9463, 46.1258 Background



This preview shows how black text looks on a background with the YUV color 133.4050, 59.9463, 46.1258.



This preview shows how white text looks on a background with the YUV color 133.4050, 59.9463,

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

133.4050, 59.9463, 46.1258

Protanopia

123.9180, 64.6234, -54.3021

Deuteranopia

108.0070, 66.0585, -94.7221



Tritanopia

135.9970, -1.9705, 25.4356

Trichromacy



Original Color

133.4050, 59.9463, 46.1258



Protanomaly

127.3940, 62.9098, -17.8855



Deuteranomaly

117.1690, 64.0067, -43.1212



Tritanomaly

135.3010, 20.5576, 33.0620

Monochromacy



Original Color

133.4050, 59.9463, 46.1258



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.1310, 21.6274, 16.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4050, 59.9463, 46.1258 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(186, 83, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 83, 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(186, 83, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 83, 255) }
```

Border

The CSS property to change the border of an element to YUV 133.4050, 59.9463, 46.1258 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(186, 83, 255) }
```


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

```
.border{ border-color:rgb(186, 83, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 83, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 83, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 83, 255); box-shadow:4px 4px 4px 4px rgb(186, 83, 255) }
```

Background

The CSS property to change the background color of an element to YUV 133.4050, 59.9463, 46.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 83, 255) }
```

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

```
.background{ background-color: rgb(186, 83,  
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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