

Converting Colors

YUV(181.8910, 36.0427,
59.7316)

Have a look what the booklet for
YUV(181.8910, 36.0427, 59.7316)
contains.

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Color

**YUV(181.8910, 36.0427,
59.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	FA85FF
RGB	250, 133, 255
RGB Percent	98%, 52%, 100%
CMY	0.0196, 0.4784, 0.0000
CMYK	0.02, 0.48, 0.00, 0.00
HSL	298°, 100%, 76%
HSV	298°, 48%, 100%
XYZ	65.8619, 44.3191, 99.6909
YIQ	181.8910, 30.5700, 62.7460

Conversions

Conversions Part 2

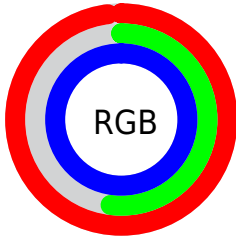
Format	Color
R _Y B	250, 133, 255
Decimal	16418303
CIE Lab	72.44, 61.24, -41.72
CIE LCh	72, 74.103, 325.736
Yxy	44.3191, 0.3138, 0.2112
Android (android.graphics.Color)	4294608383 (0xFFFA85FF)
YUV	181.8910, 36.0427, 59.7316
Hunter-Lab	66.5726, 60.0925, -42.1846

Details

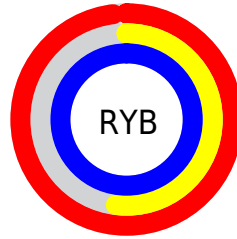
The YUV color **181.8910, 36.0427, 59.7316** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **206.1090, -36.0427, -59.7316**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2580, 19.0998, 33.9767**, and **124.8800, 36.0482, 57.9872** is the 20% darker color. If you saturate the color by 10%, you get **166.9170, 43.4249, 71.9868**, and if you desaturate by 10%, it is **197.4520, 28.3712, 46.9616**.

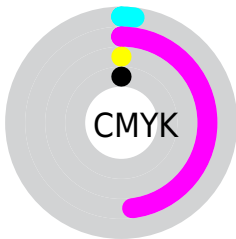
Distribution



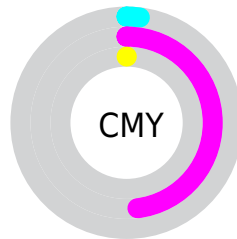
- Red (98%)
- Green (52%)
- Blue (100%)



- Red (98%)
- Yellow (52%)
- Blue (100%)



- Cyan (2%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.8910, 36.0427, 59.7316 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 181.8910, 36.0427, 59.7316 by changing the saturation by 10% instead.


 181.8910, 36.0427,
59.7316


 181.8910, 36.0427,
59.7316


255.0000, 0.0000,
0.0000


 153.1790, 35.9008,
58.6020


 216.2580, 19.0998,
33.9767


 124.8800, 36.0482,
57.9872

 233.2810, 10.7075,
19.0476

 96.2930, 36.3376,
58.5020

 250.8910, 2.0257,
3.6036

 61.6510, 40.1051,
63.4501

 45.3310, 35.3328,
54.0837

 34.4080, 28.3929,
39.9842

 24.1970, 21.5949,

27.0142

■ 12.9040, 15.8233,
11.4852

■ 3.2090, 9.7570,
-2.8143

■ 181.8910, 36.0427,
59.7316

■ 181.8910, 36.0427,
59.7316

■ 166.9170, 43.4249,
71.9868

■ 197.4520, 28.3712,
46.9616

■ 151.3560, 51.0965,
84.7568

■ 212.4260, 20.9890,
34.7064

■ 136.3820, 58.4787,
97.0120

■ 227.9870, 13.3174,
21.9364

■ 120.8210, 66.1502,
109.7820

■ 242.9610, 5.9352,
9.6812

■ 105.8470, 73.5324, 255.0000, 0.0000,
122.0372 0.0000

■ 102.3250, 75.2688,
125.1260

Harmonies

Analogous

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



172.8790, 40.4857, -12.1719



181.8910, 36.0427, 59.7316



163.0620, 13.2804, 80.6296

Triad

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



181.8910, 36.0427, 59.7316



167.3400, -76.0896, 45.3058



149.4730, 42.1648, -131.0878

Complementary

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



181.8910, 36.0427, 59.7316



206.1090, -36.0427, -59.7316

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.



141.4930, 11.5890, -124.0894



181.8910, 36.0427, 59.7316



162.3810, -61.8128, -7.3501

Square

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



181.8910, 36.0427, 59.7316



168.0690, -51.3060, 76.2385



145.4680, -23.8947, -82.8484



148.2310, 52.6371, -129.9986

Rectangle

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



181.8910, 36.0427, 59.7316



158.5190, -6.6649, 84.6138



145.4680, -23.8947, -82.8484



147.4380, 31.8291, -129.3031

Sweetspot

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



181.8910, 36.0427, 59.7316



233.5690, 10.5655, 17.9180



150.4300, 51.5530, -15.2861



114.7870, 6.5140, 10.7108



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.



181.8910, 36.0427, 59.7316



168.0910, 42.8461, 70.9572



177.1160, 11.2818, 68.3043



120.0700, 3.9095, 6.0776



76.4910, 56.4529, 93.4084



25.5350, 18.9632, 31.1028

Inverse Universe

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



170.0480, -15.7997, 74.5029



154.0390, -18.7532, 88.5428



210.8840, -11.2818, -68.3043



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 181.8910, 36.0427, 59.7316 looks on a white background.

Color Contrast Check

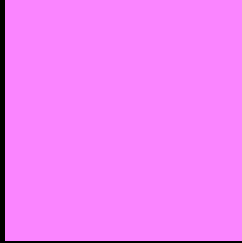
Large Text (above 18pt) WCAG AA × Fail

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 181.8910, 36.0427, 59.7316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

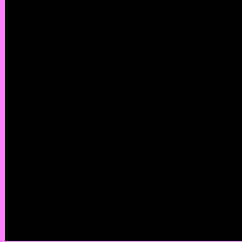
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.8910, 36.0427, 59.7316

Background



This preview shows how black text looks on a background with the YUV color 181.8910, 36.0427, 59.7316.



This preview shows how white text looks on a background with the YUV color 181.8910, 36.0427,

59.7316.

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

181.8910, 36.0427, 59.7316

Protanopia

177.5310, 38.1922, -23.2677

Deuteranopia

177.8150, 34.1082, -20.0088



Tritanopia

180.7830, -7.2880, 51.0563

Trichromacy



Original Color

181.8910, 36.0427, 59.7316



Protanomaly

178.9030, 37.5158, 7.1011



Deuteranomaly

179.2300, 34.8896, 9.4453

Tritanomaly

180.9310, 8.4150, 54.4345

Monochromacy



Original Color

181.8910, 36.0427, 59.7316



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

181.9870, 13.3174, 21.9364

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.8910, 36.0427, 59.7316 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(250, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 133, 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(250, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 133, 255) }
```

Border

The CSS property to change the border of an element to YUV 181.8910, 36.0427, 59.7316 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(250, 133, 255) }
```


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

```
.border{ border-color:rgb(250, 133, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 133,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 181.8910, 36.0427, 59.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 133, 255) }
```

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

```
.background{ background-color: rgb(250,  
133, 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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