

Converting Colors

YUV(181.0380, 36.4633,
64.8647)

Have a look what the booklet for
YUV(181.0380, 36.4633, 64.8647)
contains.

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Color

**YUV(181.0380, 36.4633,
64.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	FF81FF
RGB	255, 129, 255
RGB Percent	100%, 51%, 100%
CMY	0.0000, 0.4941, 0.0000
CMYK	0.00, 0.49, 0.00, 0.00
HSL	300°, 100%, 75%
HSV	300°, 49%, 100%
XYZ	67.1403, 44.1805, 99.5968
YIQ	181.0380, 34.6500, 65.8980

Conversions

Conversions Part 2

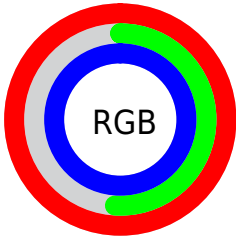
Format	Color
R _Y B	255, 129, 255
Decimal	16744959
CIE _{Lab}	72.35, 64.48, -41.82
CIE _{LCh}	72, 76.857, 327.036
Yxy	44.1805, 0.3183, 0.2095
Android (android.graphics.Color)	4294935039 (0xFFFF81FF)
YUV	181.0380, 36.4633, 64.8647
Hunter-Lab	66.4684, 63.9845, -42.3127

Details

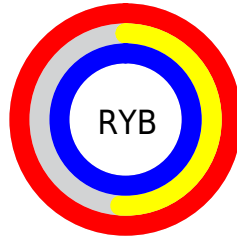
The YUV color **181.0380, 36.4633, 64.8647** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **202.9620, -36.4633, -64.8647**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4970, 19.9680, 35.5211**, and **123.4400, 36.7581, 63.6351** is the 20% darker color. If you saturate the color by 10%, you get **166.3630, 43.6980, 77.7346**, and if you desaturate by 10%, it is **196.3000, 28.9391, 51.4799**.

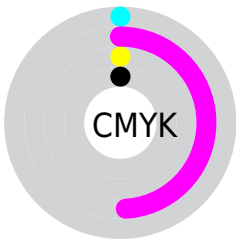
Distribution



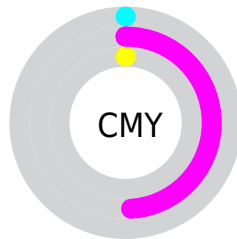
- Red (100%)
- Green (51%)
- Blue (100%)



- Red (100%)
- Yellow (51%)
- Blue (100%)



- Cyan (0%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.0380, 36.4633, 64.8647 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 181.0380, 36.4633, 64.8647 by changing the saturation by 10% instead.


 181.0380, 36.4633,
64.8647


 181.0380, 36.4633,
64.8647


255.0000, 0.0000,
0.0000

 152.3260, 36.3213,
63.7351


 214.4970, 19.9680,
35.5211


 123.4400, 36.7581,
63.6351


 231.5200, 11.5756,
20.5920

 93.3800, 37.7737,
64.5647

 248.5430, 3.1833,
5.6628

 57.8630, 41.9725,
71.1571

 46.5270, 34.7432,
56.5428

 35.3050, 27.9506,
41.8285

 25.0940, 21.1527,

28.8586

■ 14.1000, 15.2337,
13.9443

■ 3.2090, 9.7570,
-2.8143

■ 181.0380, 36.4633,
64.8647

■ 181.0380, 36.4633,
64.8647

■ 166.3630, 43.6980,
77.7346

■ 196.3000, 28.9391,
51.4799

■ 151.1010, 51.2222,
91.1194

■ 210.9750, 21.7043,
38.6099

■ 136.4260, 58.4570,
103.9894

■ 226.2370, 14.1802,
25.2252

■ 121.1640, 65.9811,
117.3742

■ 240.9120, 6.9454,
12.3552

■ 106.4890, 73.2159, 255.0000, 0.0000,
130.2441 0.0000

■ 105.3150, 73.7947,
131.2737

Harmonies

Analogous

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



172.6020, 40.6222, -9.2980



181.0380, 36.4633, 64.8647



159.7850, 13.4170, 83.5036

Triad

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



181.0380, 36.4633, 64.8647



165.8470, -81.7626, 44.8612



150.6300, 44.0594, -132.1025

Complementary

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



181.0380, 36.4633, 64.8647



202.9620, -36.4633, -64.8647

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.



141.8350, 12.8993, -124.3893



181.0380, 36.4633, 64.8647



160.5610, -64.8596, -10.1390

Square

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



181.0380, 36.4633, 64.8647



166.5700, -54.5110, 77.5531



137.8680, -20.6409, -99.8622



148.2310, 52.6371, -129.9986

Rectangle

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



181.0380, 36.4633, 64.8647



155.6010, -7.6913, 87.1729



137.8680, -20.6409, -99.8622



148.0080, 34.0131, -129.8030

Sweetspot

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



181.0380, 36.4633, 64.8647



232.6940, 10.9969, 19.5624



143.3640, 55.0365, -12.5972



114.4990, 6.6560, 11.8404



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.



181.0380, 36.4633, 64.8647



166.9500, 43.4087, 77.2199



173.8560, 8.9450, 71.1633



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

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



181.0380, 36.4633, 64.8647



166.9500, 43.4087, 77.2199



210.1440, -8.9450, -71.1633



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 181.0380, 36.4633, 64.8647 looks on a white background.

Color Contrast Check

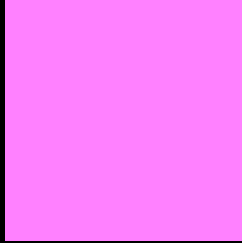
Large Text (above 18pt) WCAG AA × Fail

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 181.0380, 36.4633, 64.8647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

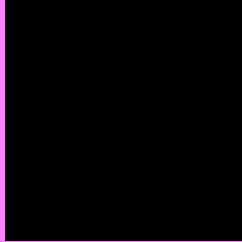
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.0380, 36.4633, 64.8647

Background



This preview shows how black text looks on a background with the YUV color 181.0380, 36.4633, 64.8647.



This preview shows how white text looks on a background with the YUV color 181.0380, 36.4633, 64.8647.

64.8647.

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

181.0380, 36.4633, 64.8647

Protanopia

176.9440, 38.4816, -22.7529

Deuteranopia

177.8150, 34.1082, -20.0088



Tritanopia

180.1750, -8.4673, 55.9745

Trichromacy



Original Color

181.0380, 36.4633, 64.8647



Protanomaly

178.3270, 37.7998, 9.3602



Deuteranomaly

178.9420, 35.0316, 10.5749



Original Color

181.0380, 36.4633, 64.8647



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.9980, 13.3120, 23.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.0380, 36.4633, 64.8647 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(255, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 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(255, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 255) }
```

Border

The CSS property to change the border of an element to YUV 181.0380, 36.4633, 64.8647 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(255, 129, 255) }
```


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

```
.border{ border-color:rgb(255, 129, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 181.0380, 36.4633, 64.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 255) }
```

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

```
.background{ background-color: rgb(255,  
129, 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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