

Converting Colors

YUV(184.4970, 26.8700,
61.8311)

Have a look what the booklet for
YUV(184.4970, 26.8700, 61.8311)
contains.

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Color

**YUV(184.4970, 26.8700,
61.8311)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8AEF
RGB	255, 138, 239
RGB Percent	100%, 54%, 94%
CMY	0.0000, 0.4588, 0.0627
CMYK	0.00, 0.46, 0.06, 0.00
HSL	308°, 100%, 77%
HSV	308°, 46%, 100%
XYZ	65.9085, 45.6690, 87.0026
YIQ	184.4970, 37.3110, 56.2150

Conversions

Conversions Part 2

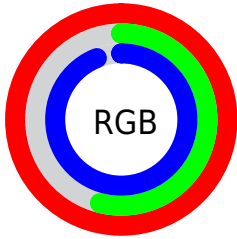
Format	Color
R _{YB}	255, 138, 239
Decimal	16747247
CIE _{Lab}	73.33, 57.51, -31.57
CIE _{LCh}	73, 65.611, 331.236
Yxy	45.6690, 0.3319, 0.2300
Android (android.graphics.Color)	4294937327 (0xFFFF8AEF)
YUV	184.4970, 26.8700, 61.8311
Hunter-Lab	67.5788, 55.8251, -29.0262

Details

The YUV color **184.4970, 26.8700, 61.8311** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **208.5030, -26.8700, -61.8311**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1930, 17.6529, 31.4027**, and **128.1870, 27.0228, 59.4720** is the 20% darker color. If you saturate the color by 10%, you get **169.4800, 32.7944, 75.0010**, and if you desaturate by 10%, it is **199.5140, 20.9456, 48.6612**.

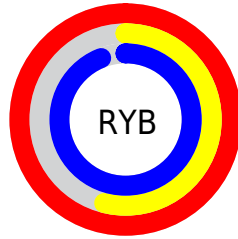
Distribution



Red (100%)

Green (54%)

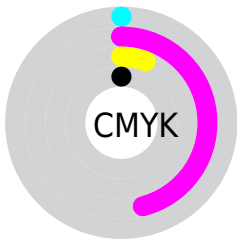
Blue (94%)



Red (100%)

Yellow (54%)

Blue (94%)

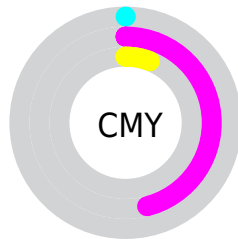


Cyan (0%)

Magenta (46%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (46%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 184.4970, 26.8700, 61.8311 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 184.4970, 26.8700, 61.8311 by changing the saturation by 10% instead.


 184.4970, 26.8700,
61.8311


 184.4970, 26.8700,
61.8311


255.0000, 0.0000,
0.0000


 155.8990, 27.1648,
60.6016


 219.1930, 17.6529,
31.4027


 128.1870, 27.0228,
59.4720


 236.2160, 9.2605,
16.4736

 100.0020, 27.6070,
58.7572

 253.8260, 0.5788,
1.0296

 69.1810, 29.4908,
61.2313

 45.3440, 28.9174,
58.4573

 34.4210, 21.9774,
44.3578

 24.3240, 15.6163,

31.2879

■ 13.7430, 9.9867,
16.8884

■ 0.7980, 3.0576,
-0.6998

■ 184.4970, 26.8700,
61.8311

■ 184.4970, 26.8700,
61.8311

■ 169.4800, 32.7944,
75.0010

■ 199.5140, 20.9456,
48.6612

■ 153.7620, 38.5713,
88.7857

■ 215.2320, 15.1686,
34.8765

■ 138.7450, 44.4957,
101.9556

■ 230.8360, 8.9549,
21.1918

■ 123.0270, 50.2727,
115.7403

■ 245.9670, 3.4673,
7.9219

■ 108.0100, 56.1971, 255.0000, 0.0000,
128.9102 0.0000

■ 101.3250, 58.5068,
134.7730

Harmonies

Analogous

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



179.7670, 37.0899, 3.7123



184.4970, 26.8700, 61.8311



169.5530, 5.1504, 74.9370

Triad

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



184.4970, 26.8700, 61.8311



172.8620, -61.0640, 32.5700



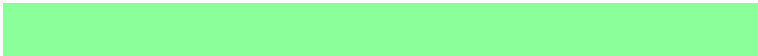
149.5700, 45.0750, -131.1729

Complementary

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



184.4970, 26.8700, 61.8311



208.5030, -26.8700, -61.8311

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.



143.3170, 18.5777, -125.6890



184.4970, 26.8700, 61.8311



166.8820, -48.2558, -15.6825

Square

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



184.4970, 26.8700, 61.8311



175.5520, -50.5581, 69.6759



150.6450, -15.6010, -83.0037



147.0570, 53.2159, -128.9690

Rectangle

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



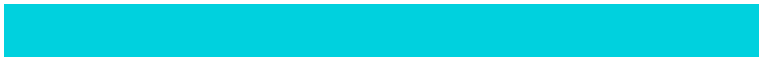
184.4970, 26.8700, 61.8311



167.3410, -13.4791, 76.8769



150.6450, -15.6010, -83.0037



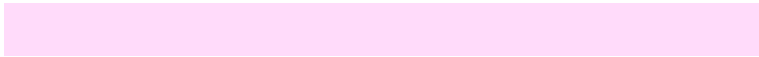
147.9910, 36.4864, -129.7881

Sweetspot

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



184.4970, 26.8700, 61.8311



233.2980, 8.2341, 19.0327



156.1220, 48.7469, -1.8610



114.7440, 5.0562, 11.6255



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.



184.4970, 26.8700, 61.8311



170.6540, 32.2156, 73.9714



177.8850, 1.5357, 67.6299



120.1410, 2.8885, 6.8923



75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Inverse Universe

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



184.4970, 26.8700, 61.8311



170.6540, 32.2156, 73.9714



215.1150, -1.5357, -67.6299



120.1410, 2.8885, 6.8923



75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 184.4970, 26.8700, 61.8311 looks on a white background.

Color Contrast Check

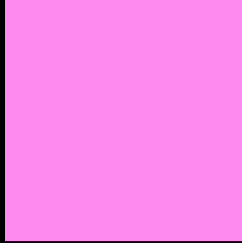
Large Text (above 18pt) WCAG AA × Fail

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 184.4970, 26.8700, 61.8311 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 184.4970, 26.8700, 61.8311

Background



This preview shows how black text looks on a background with the YUV color 184.4970, 26.8700, 61.8311.



This preview shows how white text looks on a background with the YUV color 184.4970, 26.8700, 61.8311.

61.8311.

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

184.4970, 26.8700, 61.8311

Protanopia

180.2000, 36.8764, -21.2234

Deuteranopia

181.4760, 24.9083, -9.1875



Tritanopia

182.8760, -8.3199, 55.3597

Trichromacy



Original Color

184.4970, 26.8700, 61.8311



Protanomaly

181.4750, 33.2898, 9.2304



Deuteranomaly

182.8690, 25.7006, 16.7779



Tritanomaly

183.3290, 4.7678, 57.5935

Monochromacy



Original Color

184.4970, 26.8700, 61.8311



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.0750, 9.8230, 22.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.4970, 26.8700, 61.8311 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, 138, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 239)  
}
```

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, 138, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 239) }
```

Border

The CSS property to change the border of an element to YUV 184.4970, 26.8700, 61.8311 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, 138, 239) }
```


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

```
.border{ border-color:rgb(255, 138, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 138, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 138, 239); box-shadow:4px 4px 4px 4px rgb(255, 138, 239) }
```

Background

The CSS property to change the background color of an element to YUV 184.4970, 26.8700, 61.8311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 239) }
```

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

```
.background{ background-color: rgb(255,  
138, 239) }
```

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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