

Converting Colors

YUV(186.3180, 24.9862,
59.3571)

Have a look what the booklet for
YUV(186.3180, 24.9862, 59.3571)
contains.

YUV(186.3180, 24.9862, 59.3571)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.3180, 24.9862,
59.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8EED
RGB	254, 142, 237
RGB Percent	100%, 56%, 93%
CMY	0.0039, 0.4431, 0.0706
CMYK	0.00, 0.44, 0.07, 0.00
HSL	309°, 98%, 78%
HSV	309°, 44%, 100%
XYZ	65.8321, 46.5313, 85.6325
YIQ	186.3180, 36.2570, 53.2890

Conversions

Conversions Part 2

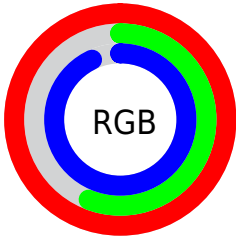
Format	Color
RYB	254, 142, 237
Decimal	16682733
CIELab	73.89, 54.94, -29.63
CIELCh	74, 62.416, 331.660
Yxy	46.5313, 0.3325, 0.2350
Android (android.graphics.Color)	4294872813 (0xFFFE8EED)
YUV	186.3180, 24.9862, 59.3571
Hunter-Lab	68.2138, 52.8934, -26.6802

Details

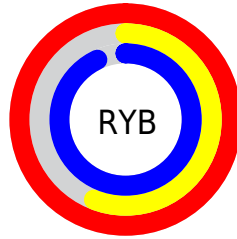
The YUV color **186.3180, 24.9862, 59.3571** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **209.6820, -24.9862, -59.3571**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5410, 16.4953, 29.3435**, and **130.5950, 24.8497, 56.4832** is the 20% darker color. If you saturate the color by 10%, you get **171.1870, 30.4738, 72.6270**, and if you desaturate by 10%, it is **201.4490, 19.4986, 46.0872**.

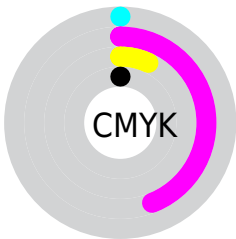
Distribution



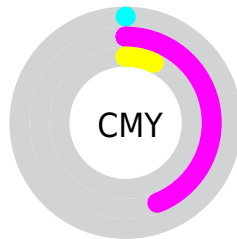
- Red (100%)
- Green (56%)
- Blue (93%)



- Red (100%)
- Yellow (56%)
- Blue (93%)



- Cyan (0%)
- Magenta (44%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.3180, 24.9862, 59.3571 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 186.3180, 24.9862, 59.3571 by changing the saturation by 10% instead.


 186.3180, 24.9862,
59.3571

 186.3180, 24.9862,
59.3571


255.0000, 0.0000,
0.0000


 158.3070, 24.9916,
57.6128


 221.5410, 16.4953,
29.3435


 130.5950, 24.8497,
56.4832

 238.5640, 8.1029,
14.4144

 102.7090, 25.2865,
56.3832

 73.7630, 26.7388,
57.2128

 45.1160, 28.0438,
58.6573

 34.3070, 21.5406,
44.4578

 23.9110, 15.3269,

30.7731

■ 13.9280, 9.4025,
17.6031

■ 0.5700, 2.1840,
-0.4999

■ 186.3180, 24.9862,
59.3571

■ 186.3180, 24.9862,
59.3571

■ 171.1870, 30.4738,
72.6270

■ 201.4490, 19.4986,
46.0872

■ 155.4690, 36.2508,
86.4117

■ 217.1670, 13.7217,
32.3025

■ 140.3380, 41.7384,
99.6816

■ 232.2980, 8.2341,
19.0327

■ 124.7340, 47.9521,
113.3663

■ 247.9020, 2.0203,
5.3479

■ 109.6030, 53.4397,
126.6362

254.7010, 0.1474,
-0.6148

■ 100.4560, 56.4702,
134.6581

Harmonies

Analogous

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



182.1370, 35.9215, 5.1419



186.3180, 24.9862, 59.3571



173.1890, 3.8508, 71.7482

Triad

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



186.3180, 24.9862, 59.3571



175.1760, -57.2748, 30.5406



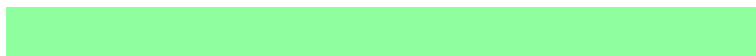
150.0430, 44.3488, -131.5877

Complementary

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



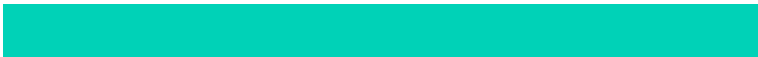
186.3180, 24.9862, 59.3571



209.6820, -24.9862, -59.3571

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.



144.1320, 19.1619, -126.4038



186.3180, 24.9862, 59.3571



169.3920, -45.0563, -15.2528

Square

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



186.3180, 24.9862, 59.3571



178.1110, -48.3687, 67.4317



154.9170, -14.7491, -76.2262



147.6440, 52.9265, -129.4838

Rectangle

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



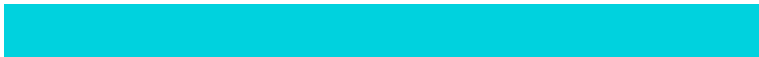
186.3180, 24.9862, 59.3571



170.6180, -13.6157, 74.0030



154.9170, -14.7491, -76.2262



148.5780, 36.1970, -130.3029

Sweetspot

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



186.3180, 24.9862, 59.3571



235.0590, 7.3659, 17.4883



159.8510, 46.4155, -0.7463



115.2170, 4.3300, 11.2107



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.



186.3180, 24.9862, 59.3571



173.3610, 29.8950, 71.5974



179.9340, 0.5255, 64.9559



120.1410, 2.8885, 6.8923



75.5770, 42.6065, 101.2260



25.2920, 14.1530, 33.9469

Inverse Universe

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



186.3180, 24.9862, 59.3571



173.3610, 29.8950, 71.5974



216.0660, -0.5255, -64.9559



120.1410, 2.8885, 6.8923



75.5770, 42.6065, 101.2260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 186.3180, 24.9862, 59.3571 looks on a white background.

Color Contrast Check

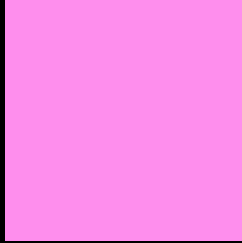
Large Text (above 18pt) WCAG AA × Fail

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 186.3180, 24.9862, 59.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

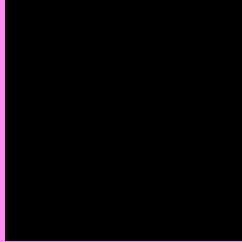
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.3180, 24.9862, 59.3571

Background



This preview shows how black text looks on a background with the YUV color 186.3180, 24.9862, 59.3571.



This preview shows how white text looks on a background with the YUV color 186.3180, 24.9862, 59.3571.

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

186.3180, 24.9862, 59.3571

Protanopia

181.9720, 36.0028, -21.0234

Deuteranopia

183.4330, 23.4505, -8.2727



Tritanopia

184.9790, -7.8776, 53.5154

Trichromacy



Original Color

186.3180, 24.9862, 59.3571



Protanomaly

183.4210, 31.8374, 8.4008



Deuteranomaly

184.7010, 23.8114, 16.0482



Tritanomaly

185.7910, 4.0470, 55.4343

Monochromacy



Original Color

186.3180, 24.9862, 59.3571



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.2490, 9.2442, 21.7066

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.3180, 24.9862, 59.3571 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(254, 142, 237)` looks like.

```
.text, #text, p{  
    color:rgb(254, 142, 237)  
}
```

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(254, 142, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 142, 237) }
```

Border

The CSS property to change the border of an element to YUV 186.3180, 24.9862, 59.3571 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(254, 142, 237) }
```


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

```
.border{ border-color:rgb(254, 142, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 142, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 142, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 142, 237);  
box-shadow:4px 4px 4px 4px rgb(254, 142,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 186.3180, 24.9862, 59.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 142, 237) }
```

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

```
.background{ background-color: rgb(254,  
142, 237) }
```

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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