

Converting Colors

YUV(185.4750, 26.8808,
58.3424)

Have a look what the booklet for
YUV(185.4750, 26.8808, 58.3424)
contains.

YUV(185.4750, 26.8808, 58.3424)	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(185.4750, 26.8808,
58.3424)**

Conversions

Conversions Part 1

Format	Color
Hex	FC8DF0
RGB	252, 141, 240
RGB Percent	99%, 55%, 94%
CMY	0.0118, 0.4471, 0.0588
CMYK	0.00, 0.44, 0.05, 0.01
HSL	306°, 95%, 77%
HSV	306°, 44%, 99%
XYZ	65.3979, 46.0365, 87.8772
YIQ	185.4750, 34.3770, 54.3210

Conversions

Conversions Part 2

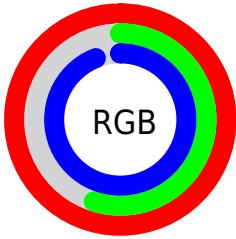
Format	Color
R _Y B	252, 141, 240
Decimal	16551408
CIE Lab	73.57, 55.34, -31.78
CIE LCh	74, 63.815, 330.132
Yxy	46.0365, 0.3281, 0.2310
Android (android.graphics.Color)	4294741488 (0xFFFC8DF0)
YUV	185.4750, 26.8808, 58.3424
Hunter-Lab	67.8502, 53.3108, -29.2952

Details

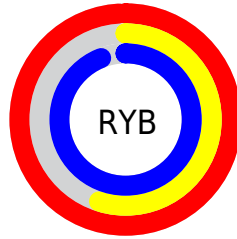
The YUV color **185.4750, 26.8808, 58.3424** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **207.5250, -26.8808, -58.3424**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9540, 16.7847, 29.8583**, and **129.7520, 26.7443, 55.4685** is the 20% darker color. If you saturate the color by 10%, you get **170.4580, 32.8052, 71.5123**, and if you desaturate by 10%, it is **200.4920, 20.9564, 45.1725**.

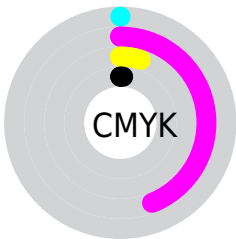
Distribution



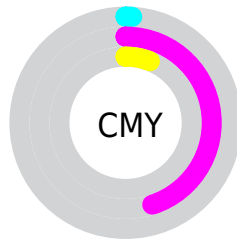
- Red (99%)
- Green (55%)
- Blue (94%)



- Red (99%)
- Yellow (55%)
- Blue (94%)



- Cyan (0%)
- Magenta (44%)
- Yellow (5%)
- Black (1%)





- Cyan (1%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 185.4750, 26.8808, 58.3424 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 185.4750, 26.8808, 58.3424 by changing the saturation by 10% instead.


 185.4750, 26.8808,
58.3424

 185.4750, 26.8808,
58.3424


255.0000, 0.0000,
0.0000


 157.4640, 26.8862,
56.5981


 220.9540, 16.7847,
29.8583


 129.7520, 26.7443,
55.4685

 237.9770, 8.3923,
14.9292

 101.8660, 27.1811,
55.3685

 72.8060, 28.1966,
56.2981

 44.8600, 29.6490,
57.1278

 33.9370, 22.7091,
43.0283

 23.8400, 16.3479,

29.9583

■ 13.5580, 10.5709,
16.1736

■ 0.9120, 3.4944,
-0.7998

■ 185.4750, 26.8808,
58.3424

■ 185.4750, 26.8808,
58.3424

■ 170.4580, 32.8052,
71.5123

■ 200.4920, 20.9564,
45.1725

■ 155.5550, 39.1664,
84.5823

■ 215.3950, 14.5953,
32.1026

■ 139.9510, 45.3802,
98.2670

■ 230.9990, 8.3815,
18.4179

■ 124.9340, 51.3045,
111.4369

■ 246.0160, 2.4571,
5.2480

■ 109.9170, 57.2289, 253.9890, 0.0054,
124.6068 -1.7444

■ 100.9980, 61.1330, 254.1030, 0.4422,
132.4288 -1.8443

Harmonies

Analogous

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



180.3430, 36.8059, 1.4532



185.4750, 26.8808, 58.3424



171.6560, 5.5926, 73.0927

Triad

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



185.4750, 26.8808, 58.3424



174.0300, -59.1748, 33.2997



149.2280, 43.7646, -130.8730

Complementary

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



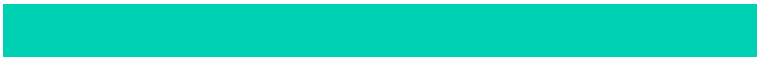
185.4750, 26.8808, 58.3424



207.5250, -26.8808, -58.3424

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.



143.0890, 17.7041, -125.4891



185.4750, 26.8808, 58.3424



167.8330, -47.2457, -13.0085

Square

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



185.4750, 26.8808, 58.3424



176.7090, -48.6635, 68.6612



154.3470, -16.9331, -75.7263



147.6440, 52.9265, -129.4838

Rectangle

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



185.4750, 26.8808, 58.3424



168.9710, -12.3107, 75.4474



154.3470, -16.9331, -75.7263



147.6490, 35.1760, -129.4882

Sweetspot

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



185.4750, 26.8808, 58.3424



235.1730, 7.8027, 17.3883



156.9430, 46.8631, -4.3350



115.3310, 4.7668, 11.1107



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.



185.4750, 26.8808, 58.3424



174.0450, 32.5158, 70.9975



179.2050, 2.8569, 63.8412



117.2550, 3.3253, 6.7924



75.6630, 45.5221, 99.3965



24.5090, 15.0321, 32.0026

Inverse Universe

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



185.4750, 26.8808, 58.3424



174.0450, 32.5158, 70.9975



213.7950, -2.8569, -63.8412



117.2550, 3.3253, 6.7924



75.6630, 45.5221, 99.3965



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 185.4750, 26.8808, 58.3424 looks on a white background.

Color Contrast Check

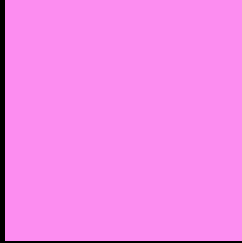
Large Text (above 18pt) WCAG AA × Fail

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 185.4750, 26.8808, 58.3424 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 185.4750, 26.8808, 58.3424

Background



This preview shows how black text looks on a background with the YUV color 185.4750, 26.8808, 58.3424.



This preview shows how white text looks on a background with the YUV color 185.4750, 26.8808,

58.3424.

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

185.4750, 26.8808, 58.3424

Protanopia

181.0860, 36.4396, -21.1234

Deuteranopia

182.1770, 25.0557, -9.8022



Tritanopia

183.9680, -7.8722, 51.7711

Trichromacy



Original Color

185.4750, 26.8808, 58.3424



Protanomaly

182.7630, 33.1478, 8.1008



Deuteranomaly

183.5590, 25.8534, 14.4188



Tritanomaly

184.3070, 4.7786, 54.1048

Monochromacy



Original Color

185.4750, 26.8808, 58.3424



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

185.0640, 9.8284, 20.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4750, 26.8808, 58.3424 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(252, 141, 240)` looks like.

```
.text, #text, p{  
    color:rgb(252, 141, 240)  
}
```

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(252, 141, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 141, 240) }
```

Border

The CSS property to change the border of an element to YUV 185.4750, 26.8808, 58.3424 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(252, 141, 240) }
```


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

```
.border{ border-color:rgb(252, 141, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 141, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 141, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 141, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 141,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 185.4750, 26.8808, 58.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 141, 240) }
```

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

```
.background{ background-color: rgb(252,  
141, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor