

Converting Colors

YUV(185.4600, 19.4932,
47.8316)

Have a look what the booklet for
YUV(185.4600, 19.4932, 47.8316)
contains.

YUV(185.4600, 19.4932, 47.8316)	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(185.4600, 19.4932,
47.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	F096E1
RGB	240, 150, 225
RGB Percent	94%, 59%, 88%
CMY	0.0588, 0.4118, 0.1176
CMYK	0.00, 0.37, 0.06, 0.06
HSL	310°, 75%, 76%
HSV	310°, 37%, 94%
XYZ	60.4321, 45.7742, 76.8843
YIQ	185.4600, 29.5650, 42.4050

Conversions

Conversions Part 2

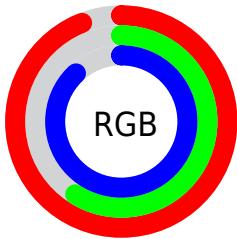
Format	Color
R _Y B	240, 150, 225
Decimal	15767265
CIE Lab	73.40, 44.61, -23.96
CIE LCh	73, 50.634, 331.757
Yxy	45.7742, 0.3301, 0.2500
Android (android.graphics.Color)	4293957345 (0xFFFF096E1)
YUV	185.4600, 19.4932, 47.8316
Hunter-Lab	67.6566, 41.0403, -20.0169

Details

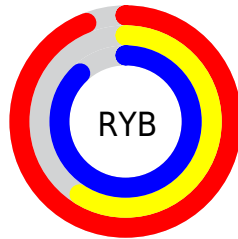
The YUV color **185.4600, 19.4932, 47.8316** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **204.5400, -19.4932, -47.8316**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2370, 14.1802, 25.2252**, and **130.7370, 19.3567, 44.9577** is the 20% darker color. If you saturate the color by 10%, you get **170.9160, 24.6914, 60.5867**, and if you desaturate by 10%, it is **200.0040, 14.2950, 35.0765**.

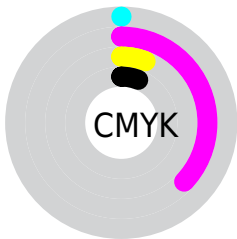
Distribution



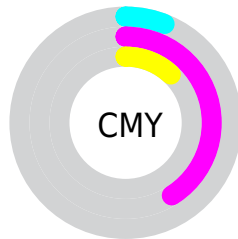
- Red (94%)
- Green (59%)
- Blue (88%)



- Red (94%)
- Yellow (59%)
- Blue (88%)



- Cyan (0%)
- Magenta (37%)
- Yellow (6%)
- Black (6%)




- Cyan (6%)
- Magenta (41%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.4600, 19.4932, 47.8316 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 185.4600, 19.4932, 47.8316 by changing the saturation by 10% instead.

 185.4600, 19.4932,
47.8316

 185.4600, 19.4932,
47.8316

255.0000, 0.0000,
0.0000


 157.7480, 19.3512,
46.7020


 226.2370, 14.1802,
25.2252


 130.7370, 19.3567,
44.9577

 242.6730, 6.0772,
10.8108

 104.3240, 19.0673,
44.4429

 77.7260, 19.3621,
43.2133

 50.0790, 20.6671,
44.6577

 30.1770, 18.6467,
39.3098

 20.4930, 12.5750,

26.7546

■ 9.7270, 7.5296,
11.6404

■ 0.0000, 0.0000,
0.0000

■ 185.4600, 19.4932,
47.8316

■ 185.4600, 19.4932,
47.8316

■ 170.9160, 24.6914,
60.5867

■ 200.0040, 14.2950,
35.0765

■ 156.3720, 29.8896,
73.3418

■ 214.5480, 9.0968,
22.3214

■ 141.8280, 35.0878,
86.0968

■ 229.0920, 3.8986,
9.5663

■ 127.2840, 40.2860,
98.8519

■ 243.6360, -1.2995,
-3.1888

■ 112.7400, 45.4842,
111.6070

■ 249.3750, -2.1569,
-8.2219

■ 98.1960, 50.6824,
124.3621

■ 249.8310, -0.4097,
-8.6218

■ 94.5600, 51.9819,
127.5509

■ 250.2870, 1.3375,
-9.0217

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



183.0120, 35.4901, 3.4975



185.4600, 19.4932, 47.8316



179.4180, -0.2061, 66.2854

Triad

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



185.4600, 19.4932, 47.8316



176.3570, -45.0390, 25.9969



145.1530, 40.8436, -127.2992

Complementary

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



185.4600, 19.4932, 47.8316



204.5400, -19.4932, -47.8316

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.



140.4960, 20.4615, -123.2150



185.4600, 19.4932, 47.8316



171.1180, -36.0472, -11.5045

Square

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



185.4600, 19.4932, 47.8316



179.0370, -39.4582, 56.0956



162.0920, -13.3564, -56.2087



144.7090, 54.3735, -126.9098

Rectangle

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



185.4600, 19.4932, 47.8316



177.6450, -14.6150, 67.8403



162.0920, -13.3564, -56.2087



144.0300, 34.0022, -126.3143

Sweetspot

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



185.4600, 19.4932, 47.8316



237.9940, 5.9190, 14.9143



164.7450, 37.1007, 0.2236



117.6790, 3.6093, 9.0515



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.



185.4600, 19.4932, 47.8316



185.3290, 24.9808, 61.1015



180.3300, -0.1627, 52.3306



112.7280, 2.5991, 6.3775



72.4580, 39.7072, 97.8223



22.1020, 12.2747, 29.7285

Inverse Universe

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



185.4600, 19.4932, 47.8316



185.3290, 24.9808, 61.1015



209.6700, 0.1627, -52.3306



112.7280, 2.5991, 6.3775



72.4580, 39.7072, 97.8223



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 185.4600, 19.4932, 47.8316 looks on a white background.

Color Contrast Check

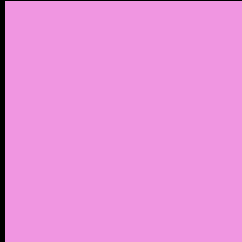
Large Text (above 18pt) WCAG AA × Fail

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 185.4600, 19.4932, 47.8316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

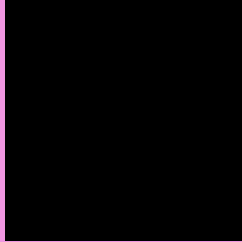
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.4600, 19.4932, 47.8316

Background



This preview shows how black text looks on a background with the YUV color 185.4600, 19.4932, 47.8316.



This preview shows how white text looks on a background with the YUV color 185.4600, 19.4932,

47.8316.

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

185.4600, 19.4932, 47.8316

Protanopia

180.6690, 32.2082, -17.2497

Deuteranopia

182.2010, 18.6349, -3.6843



Tritanopia

183.6080, -5.2297, 44.1938

Trichromacy



Original Color

185.4600, 19.4932, 47.8316



Protanomaly

182.5580, 27.3329, 6.5266



Deuteranomaly

183.4360, 19.0121, 15.4036



Tritanomaly

184.0240, 3.9322, 45.5830

Monochromacy



Original Color

185.4600, 19.4932, 47.8316



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

185.0590, 7.3659, 17.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4600, 19.4932, 47.8316 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(240, 150, 225)` looks like.

```
.text, #text, p{  
    color:rgb(240, 150, 225)  
}
```

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(240, 150, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 150, 225) }
```

Border

The CSS property to change the border of an element to YUV 185.4600, 19.4932, 47.8316 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(240, 150, 225) }
```


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

```
.border{ border-color:rgb(240, 150, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 150, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 150, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 150, 225);  
box-shadow:4px 4px 4px 4px rgb(240, 150,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 185.4600, 19.4932, 47.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 150, 225) }
```

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

```
.background{ background-color: rgb(240,  
150, 225) }
```

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