

Converting Colors

YUV(198.9440, 18.7616,
49.1611)

Have a look what the booklet for
YUV(198.9440, 18.7616, 49.1611)
contains.

YUV(198.9440, 18.7616, 49.1611)	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(198.9440, 18.7616,
49.1611)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3ED
RGB	255, 163, 237
RGB Percent	100%, 64%, 93%
CMY	0.0000, 0.3608, 0.0706
CMYK	0.00, 0.36, 0.07, 0.00
HSL	312°, 100%, 82%
HSV	312°, 36%, 100%
XYZ	69.6233, 53.5688, 86.7910
YIQ	198.9440, 31.0780, 42.5180

Conversions

Conversions Part 2

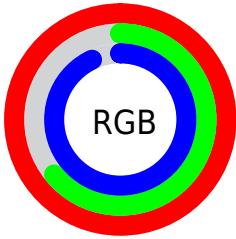
Format	Color
R _Y B	255, 163, 237
Decimal	16753645
CIE Lab	78.21, 44.65, -23.01
CIE LCh	78, 50.226, 332.735
Yxy	53.5688, 0.3316, 0.2551
Android (android.graphics.Color)	4294943725 (0xFFFFA3ED)
YUV	198.9440, 18.7616, 49.1611
Hunter-Lab	73.1907, 41.7158, -19.0738

Details

The YUV color **198.9440, 18.7616, 49.1611** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **219.0560, -18.7616, -49.1611**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8680, 10.4181, 18.5328**, and **143.5200, 18.4776, 46.9020** is the 20% darker color. If you saturate the color by 10%, you get **183.1120, 24.1018, 63.0458**, and if you desaturate by 10%, it is **214.1890, 13.7108, 35.7912**.

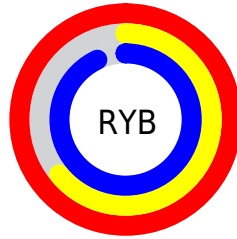
Distribution



Red (100%)

Green (64%)

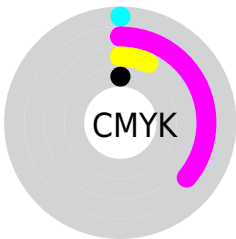
Blue (93%)



Red (100%)

Yellow (64%)

Blue (93%)

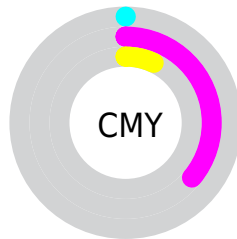


Cyan (0%)

Magenta (36%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 198.9440, 18.7616, 49.1611 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 198.9440, 18.7616, 49.1611 by changing the saturation by 10% instead.


 198.9440, 18.7616,
49.1611


 198.9440, 18.7616,
49.1611


255.0000, 0.0000,
0.0000


 171.2320, 18.6196,
48.0315


 233.8680, 10.4181,
18.5328


 143.5200, 18.4776,
46.9020

 250.8910, 2.0257,
3.6036

 116.8080, 18.3357,
45.7724

 90.2100, 18.6305,
44.5428

 64.0250, 19.2147,
43.8281

 35.2040, 21.0984,
46.3021

 25.1070, 14.7372,

33.2322

■ 16.1350, 8.8074,
21.8066

■ 0.7980, 3.0576,
-0.6998

■ 198.9440, 18.7616,
49.1611

■ 198.9440, 18.7616,
49.1611

■ 183.1120, 24.1018,
63.0458

■ 214.1890, 13.7108,
35.7912

■ 167.8670, 29.1526,
76.4156

■ 230.0210, 8.3706,
21.9066

■ 152.0350, 34.4927,
90.3003

■ 245.2660, 3.3199,
8.5367

■ 136.7900, 39.5435,
103.6702

■ 255.0000, 0.0000,
0.0000

■ 120.9580, 44.8837,
117.5548

■ 105.7130, 49.9345,
130.9247

■ 99.6150, 51.9548,
136.2726

Harmonies

Analogous

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



195.4270, 29.3695, 6.6415



198.9440, 18.7616, 49.1611



189.0040, 0.9840, 57.8785

Triad

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



198.9440, 18.7616, 49.1611



189.0580, -44.8916, 25.3821



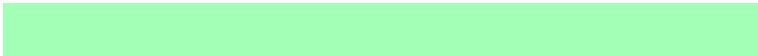
154.3800, 43.1967, -135.3913

Complementary

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



198.9440, 18.7616, 49.1611



219.0560, -18.7616, -49.1611

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.



150.3100, 22.5252, -131.8219



198.9440, 18.7616, 49.1611



183.6340, -35.3156, -12.8340

Square

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



198.9440, 18.7616, 49.1611



192.2110, -40.0370, 55.0660



175.4940, -13.0615, -57.4382



151.7530, 50.9008, -133.0874

Rectangle

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



198.9440, 18.7616, 49.1611



186.6440, -13.1355, 59.9482



175.4940, -13.0615, -57.4382



153.3710, 36.7921, -134.5064

Sweetspot

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



198.9440, 18.7616, 49.1611



237.9940, 5.9190, 14.9143



178.5710, 37.6795, 1.2532



117.5650, 3.1725, 9.1515



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.



198.9440, 18.7616, 49.1611



188.0360, 22.6603, 58.7274



193.8140, -0.8943, 53.6601



120.0270, 2.4517, 6.9923



74.6650, 39.1122, 102.0258



24.9500, 12.8427, 34.2468

Inverse Universe

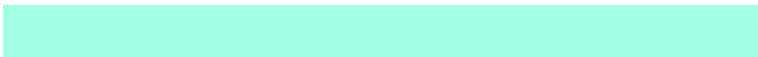
The Inverse Universe completely reimagines the original color for something new.



198.9440, 18.7616, 49.1611



188.0360, 22.6603, 58.7274



224.1860, 0.8943, -53.6601



120.0270, 2.4517, 6.9923



74.6650, 39.1122, 102.0258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 198.9440, 18.7616, 49.1611 looks on a white background.

Color Contrast Check

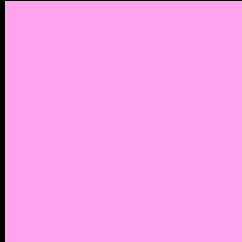
Large Text (above 18pt) WCAG AA × Fail

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 198.9440, 18.7616, 49.1611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

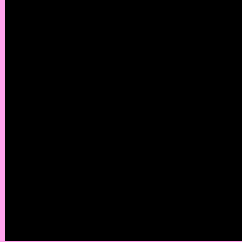
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.9440, 18.7616, 49.1611

Background



This preview shows how black text looks on a background with the YUV color 198.9440, 18.7616, 49.1611.



This preview shows how white text looks on a background with the YUV color 198.9440, 18.7616,

49.1611.

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

198.9440, 18.7616, 49.1611

Protanopia

194.3980, 29.8768, -16.1350

Deuteranopia

195.3970, 18.0453, -1.2252



Tritanopia

197.2060, -5.5246, 45.4233

Trichromacy



Original Color

198.9440, 18.7616, 49.1611



Protanomaly

195.8140, 25.7277, 8.0561



Deuteranomaly

196.9200, 18.2804, 16.7332



Tritanomaly

197.6220, 3.6374, 46.8125

Monochromacy



Original Color

198.9440, 18.7616, 49.1611



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.9450, 6.9291, 17.5882

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.9440, 18.7616, 49.1611 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, 163, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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(255, 163, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 237) }
```

Border

The CSS property to change the border of an element to YUV 198.9440, 18.7616, 49.1611 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, 163, 237) }
```


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

```
.border{ border-color:rgb(255, 163, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 198.9440, 18.7616, 49.1611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 237) }
```

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

```
.background{ background-color: rgb(255,  
163, 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](#).

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