

Converting Colors

YUV(198.1460, 15.7040,
49.8610)

Have a look what the booklet for
YUV(198.1460, 15.7040, 49.8610)
contains.

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Color

**YUV(198.1460, 15.7040,
49.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3E6
RGB	255, 163, 230
RGB Percent	100%, 64%, 90%
CMY	0.0000, 0.3608, 0.0980
CMYK	0.00, 0.36, 0.10, 0.00
HSL	316°, 100%, 82%
HSV	316°, 36%, 100%
XYZ	68.6201, 53.1676, 81.5086
YIQ	198.1460, 33.3250, 40.3410

Conversions

Conversions Part 2

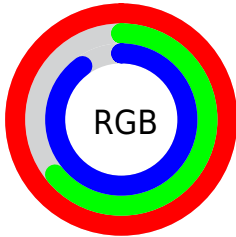
Format	Color
R _Y B	255, 163, 230
Decimal	16753638
CIE Lab	77.97, 43.49, -19.57
CIE LCh	78, 47.689, 335.767
Yxy	53.1676, 0.3375, 0.2615
Android (android.graphics.Color)	4294943718 (0xFFFFA3E6)
YUV	198.1460, 15.7040, 49.8610
Hunter-Lab	72.9161, 40.3802, -15.2355

Details

The YUV color **198.1460, 15.7040, 49.8610** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **219.8540, -15.7040, -49.8610**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8680, 10.4181, 18.5328**, and **142.7220, 15.4201, 47.6018** is the 20% darker color. If you saturate the color by 10%, you get **182.0860, 20.1706, 63.9456**, and if you desaturate by 10%, it is **213.6190, 11.5268, 36.2911**.

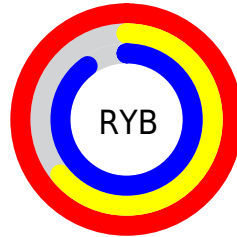
Distribution



Red (100%)

Green (64%)

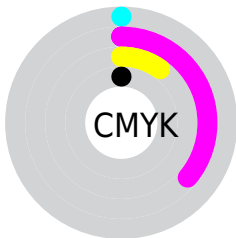
Blue (90%)



Red (100%)

Yellow (64%)

Blue (90%)

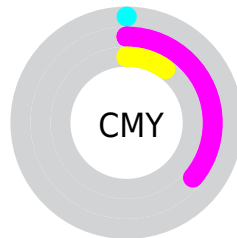


Cyan (0%)

Magenta (36%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1460, 15.7040, 49.8610 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 198.1460, 15.7040, 49.8610 by changing the saturation by 10% instead.


 198.1460, 15.7040,
49.8610


 198.1460, 15.7040,
49.8610


255.0000, 0.0000,
0.0000


 170.4340, 15.5620,
48.7314


 233.8680, 10.4181,
18.5328


 142.7220, 15.4201,
47.6018

 250.8910, 2.0257,
3.6036

 116.1240, 15.7149,
46.3723

 90.1130, 15.7203,
44.6279

 63.3410, 16.5939,
44.4279

 34.6340, 18.9144,
46.8020

 24.5370, 12.5533,

33.7321

■ 15.5650, 6.6235,
22.3065

■ 0.0000, 0.0000,
0.0000

■ 198.1460, 15.7040,
49.8610

■ 198.1460, 15.7040,
49.8610

■ 182.0860, 20.1706,
63.9456

■ 213.6190, 11.5268,
36.2911

■ 166.6130, 24.3478,
77.5154

■ 229.6790, 7.0603,
22.2065

■ 150.5530, 28.8144,
91.6000

■ 245.1520, 2.8831,
8.6367

■ 135.0800, 32.9916,
105.1698

■ 255.0000, 0.0000,
0.0000

■ 119.0200, 37.4581,
119.2545

■ 103.5470, 41.6353,
132.8243

■ 97.4490, 43.6556,
138.1722

Harmonies

Analogous

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



195.7480, 29.2112, 10.7450



198.1460, 15.7040, 49.8610



189.6080, -1.7787, 57.3488

Triad

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



198.1460, 15.7040, 49.8610



188.4210, -42.1126, 20.6788



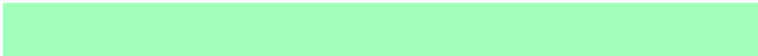
153.3200, 44.2122, -134.4616

Complementary

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



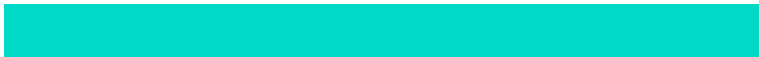
198.1460, 15.7040, 49.8610



219.8540, -15.7040, -49.8610

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.



149.5920, 24.8511, -131.1922



198.1460, 15.7040, 49.8610



183.2360, -31.6683, -15.9930

Square

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



198.1460, 15.7040, 49.8610



192.0040, -39.4420, 50.8625



174.9930, -9.8565, -58.7529



155.3630, 49.1210, -122.2214

Rectangle

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



198.1460, 15.7040, 49.8610



188.0630, -15.3141, 58.7037



174.9930, -9.8565, -58.7529



152.4250, 38.2445, -133.6767

Sweetspot

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



198.1460, 15.7040, 49.8610



237.6520, 4.6086, 15.2142



180.9630, 36.5002, 6.1714



117.4510, 2.7357, 9.2515



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.



198.1460, 15.7040, 49.8610



187.0100, 18.7291, 59.6272



192.9020, -4.3887, 54.4599



119.9130, 2.0149, 7.0923



72.9550, 32.5602, 103.5255



24.3800, 10.6587, 34.7467

Inverse Universe

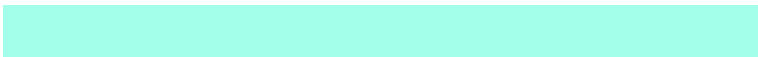
The Inverse Universe completely reimagines the original color for something new.



198.1460, 15.7040, 49.8610



187.0100, 18.7291, 59.6272



225.0980, 4.3887, -54.4599



119.9130, 2.0149, 7.0923



72.9550, 32.5602, 103.5255



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 198.1460, 15.7040, 49.8610 looks on a white background.

Color Contrast Check

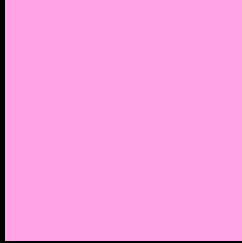
Large Text (above 18pt) WCAG AA × Fail

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 198.1460, 15.7040, 49.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

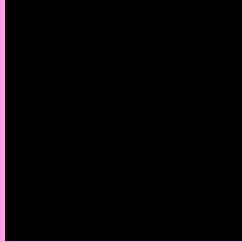
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.1460, 15.7040, 49.8610

Background



This preview shows how black text looks on a background with the YUV color 198.1460, 15.7040, 49.8610.



This preview shows how white text looks on a background with the YUV color 198.1460, 15.7040,

49.8610.

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

198.1460, 15.7040, 49.8610

Protanopia

193.8390, 27.6874, -13.8908

Deuteranopia

194.6100, 14.9823, 1.2190



Tritanopia

196.8040, -5.8194, 46.6529

Trichromacy



Original Color

198.1460, 15.7040, 49.8610



Protanomaly

195.5430, 23.3963, 9.1708



Deuteranomaly

195.8340, 15.3648, 18.5626



Tritanomaly

197.4650, 1.7428, 47.8272

Monochromacy



Original Color

198.1460, 15.7040, 49.8610



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.0160, 5.9081, 18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1460, 15.7040, 49.8610 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 230) }
```

Border

The CSS property to change the border of an element to YUV 198.1460, 15.7040, 49.8610 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, 230) }
```


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

```
.border{ border-color:rgb(255, 163, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 198.1460, 15.7040, 49.8610 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
163, 230) }
```

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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