

Converting Colors

YUV(198.6820, 22.8348,
49.3909)

Have a look what the booklet for
YUV(198.6820, 22.8348, 49.3909)
contains.

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Color

**YUV(198.6820, 22.8348,
49.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1F5
RGB	255, 161, 245
RGB Percent	100%, 63%, 96%
CMY	0.0000, 0.3686, 0.0392
CMYK	0.00, 0.37, 0.04, 0.00
HSL	306°, 100%, 82%
HSV	306°, 37%, 100%
XYZ	70.4663, 53.3423, 92.9683
YIQ	198.6820, 29.0600, 46.0520

Conversions

Conversions Part 2

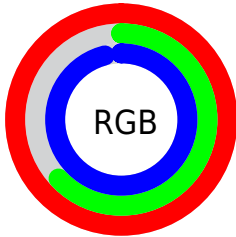
Format	Color
R _Y B	255, 161, 245
Decimal	16753141
CIE _{Lab}	78.08, 47.03, -27.54
CIE _{LCh}	78, 54.500, 329.651
Y _{xy}	53.3423, 0.3251, 0.2461
Android (android.graphics.Color)	4294943221 (0xFFFFA1F5)
YUV	198.6820, 22.8348, 49.3909
Hunter-Lab	73.0358, 44.4074, -24.3460

Details

The YUV color **198.6820, 22.8348, 49.3909** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **217.3180, -22.8348, -49.3909**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6940, 10.9969, 19.5624**, and **143.2580, 22.5508, 47.1317** is the 20% darker color. If you saturate the color by 10%, you get **183.0780, 29.0485, 63.0756**, and if you desaturate by 10%, it is **214.2860, 16.6210, 35.7062**.

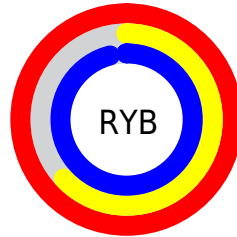
Distribution



Red (100%)

Green (63%)

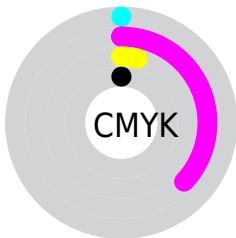
Blue (96%)



Red (100%)

Yellow (63%)

Blue (96%)

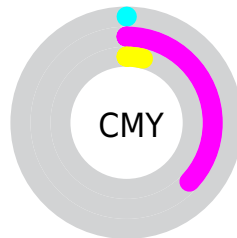


Cyan (0%)

Magenta (37%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (37%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 198.6820, 22.8348, 49.3909 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 198.6820, 22.8348, 49.3909 by changing the saturation by 10% instead.


 198.6820, 22.8348,
49.3909


 198.6820, 22.8348,
49.3909


255.0000, 0.0000,
0.0000


 170.8560, 22.2560,
48.3613


 232.6940, 10.9969,
19.5624


 143.2580, 22.5508,
47.1317

 249.7170, 2.6045,
4.6332

 116.4320, 21.9720,
46.1021

 89.8340, 22.2668,
44.8726

 62.3610, 22.9930,
45.2874

 36.0020, 24.1560,
45.6022

 25.4920, 17.5054,

32.0175

■ 16.4060, 11.1388,
20.6919

■ 2.4110, 6.6994,
-2.1144

■ 198.6820, 22.8348,
49.3909

■ 198.6820, 22.8348,
49.3909

■ 183.0780, 29.0485,
63.0756

■ 214.2860, 16.6210,
35.7062

■ 168.1750, 35.4097,
76.1455

■ 229.1890, 10.2598,
22.6362

■ 152.5710, 41.6235,
89.8302

■ 244.7930, 4.0461,
8.9515

■ 137.5540, 47.5479,
103.0001

■ 255.0000, 0.0000,
0.0000

■ 121.9500, 53.7617,
116.6849

■ 107.0470, 60.1228,
129.7548

■ 102.2370, 62.0012,
133.9732

Harmonies

Analogous

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



193.0350, 30.5487, 1.7233



198.6820, 22.8348, 49.3909



187.2260, 4.3256, 59.4378

Triad

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



198.6820, 22.8348, 49.3909



188.6520, -49.1284, 31.0002



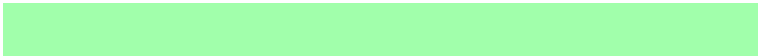
155.5540, 42.6179, -136.4209

Complementary

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



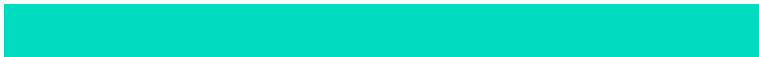
198.6820, 22.8348, 49.3909



217.3180, -22.8348, -49.3909

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.



150.3270, 20.0518, -131.8368



198.6820, 22.8348, 49.3909



183.3910, -40.1258, -9.9899

Square

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



198.6820, 22.8348, 49.3909



189.2930, -41.0634, 57.6250



173.8700, -16.6979, -57.7680



152.9270, 50.3220, -134.1170

Rectangle

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



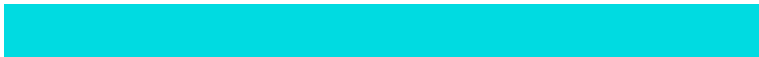
198.6820, 22.8348, 49.3909



183.9370, -10.8149, 62.3223



173.8700, -16.6979, -57.7680



154.2030, 34.9029, -135.2360

Sweetspot

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



198.6820, 22.8348, 49.3909



238.2220, 6.7926, 14.7143



174.4070, 39.7323, -3.8649



117.7930, 4.0461, 8.9515



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.



198.6820, 22.8348, 49.3909



187.8880, 27.1702, 58.8572



193.4380, 2.7421, 53.9899



120.1410, 2.8885, 6.8923



76.6030, 46.5377, 100.3262



25.6340, 15.4634, 33.6470

Inverse Universe

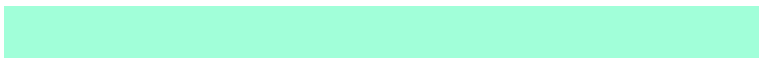
The Inverse Universe completely reimagines the original color for something new.



198.6820, 22.8348, 49.3909



187.8880, 27.1702, 58.8572



222.5620, -2.7421, -53.9899



120.1410, 2.8885, 6.8923



76.6030, 46.5377, 100.3262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 198.6820, 22.8348, 49.3909 looks on a white background.

Color Contrast Check

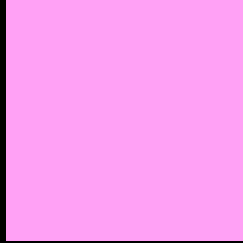
Large Text (above 18pt) WCAG AA × Fail

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 198.6820, 22.8348, 49.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

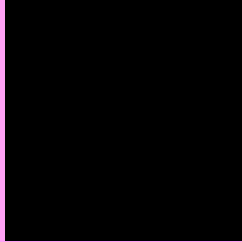
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.6820, 22.8348, 49.3909

Background



This preview shows how black text looks on a background with the YUV color 198.6820, 22.8348, 49.3909.



This preview shows how white text looks on a background with the YUV color 198.6820, 22.8348,

49.3909.

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

198.6820, 22.8348, 49.3909

Protanopia

193.5120, 30.3136, -16.2350

Deuteranopia

194.8140, 22.2767, -5.0989



Tritanopia

196.9070, -5.3772, 44.8086

Trichromacy



Original Color

198.6820, 22.8348, 49.3909



Protanomaly

195.2700, 27.4749, 7.6562



Deuteranomaly

196.3480, 22.5064, 14.6038



Tritanomaly

197.8500, 4.5110, 46.6126

Monochromacy



Original Color

198.6820, 22.8348, 49.3909



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.7000, 8.5289, 17.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.6820, 22.8348, 49.3909 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, 161, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 245)  
}
```

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, 161, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 245) }
```

Border

The CSS property to change the border of an element to YUV 198.6820, 22.8348, 49.3909 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, 161, 245) }
```


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

```
.border{ border-color:rgb(255, 161, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 198.6820, 22.8348, 49.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 245) }
```

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

```
.background{ background-color: rgb(255,  
161, 245) }
```

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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