

Converting Colors

YUV(194.0610, 28.0709,
49.9355)

Have a look what the booklet for
YUV(194.0610, 28.0709, 49.9355)
contains.

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Color

**YUV(194.0610, 28.0709,
49.9355)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9AFB
RGB	251, 154, 251
RGB Percent	98%, 60%, 98%
CMY	0.0157, 0.3961, 0.0157
CMYK	0.00, 0.39, 0.00, 0.02
HSL	300°, 92%, 79%
HSV	300°, 39%, 98%
XYZ	68.7518, 50.5855, 97.4071
YIQ	194.0610, 26.6750, 50.7310

Conversions

Conversions Part 2

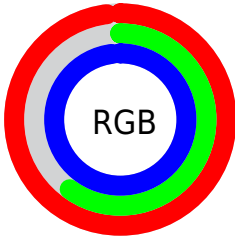
Format	Color
R _Y B	251, 154, 251
Decimal	16489211
CIE Lab	76.43, 50.44, -33.35
CIE LCh	76, 60.471, 326.525
Yxy	50.5855, 0.3172, 0.2334
Android (android.graphics.Color)	4294679291 (0xFFFB9AFB)
YUV	194.0610, 28.0709, 49.9355
Hunter-Lab	71.1235, 48.0819, -31.4142

Details

The YUV color **194.0610, 28.0709, 49.9355** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **210.9390, -28.0709, -49.9355**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5850, 13.0226, 23.1660**, and **138.5230, 27.3502, 47.7763** is the 20% darker color. If you saturate the color by 10%, you get **179.3860, 35.3057, 62.8055**, and if you desaturate by 10%, it is **208.7360, 20.8362, 37.0655**.

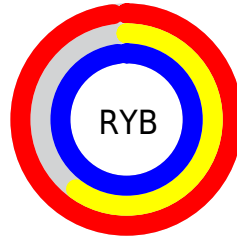
Distribution



Red (98%)

Green (60%)

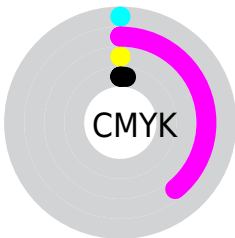
Blue (98%)



Red (98%)

Yellow (60%)

Blue (98%)

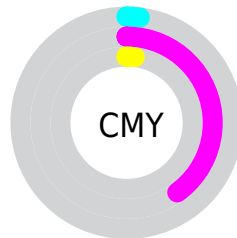


Cyan (0%)

Magenta (39%)

Yellow (0%)

Black (2%)



Cyan (2%)


Magenta (40%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 194.0610, 28.0709, 49.9355 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 194.0610, 28.0709, 49.9355 by changing the saturation by 10% instead.


 194.0610, 28.0709,
49.9355


 194.0610, 28.0709,
49.9355


255.0000, 0.0000,
0.0000


 166.2350, 27.4921,
48.9059


 228.5850, 13.0226,
23.1660


 138.5230, 27.3502,
47.7763

 245.6080, 4.6303,
8.2368

 111.8110, 27.2082,
46.6468

 84.5120, 27.3556,
46.0320

 55.2780, 28.9499,
47.9912

 35.2620, 26.4928,
42.7432

 24.7520, 19.8423,

29.1585

■ 15.3670, 13.6231,
17.2181

■ 2.9810, 8.8834,
-2.6143

■ 194.0610, 28.0709,
49.9355

■ 194.0610, 28.0709,
49.9355

■ 179.3860, 35.3057,
62.8055

■ 208.7360, 20.8362,
37.0655

■ 164.7110, 42.5405,
75.6755

■ 223.4110, 13.6014,
24.1956

■ 150.0360, 49.7753,
88.5454

■ 238.0860, 6.3666,
11.3256

■ 135.3610, 57.0100,
101.4154

■ 252.7610, -0.8682,
-1.5444

■ 120.0990, 64.5342,
114.8002

■ 253.3480, -1.1576,
-2.0592

■ 105.4240, 71.7690,
127.6702

■ 103.6630, 72.6371,
129.2145

Harmonies

Analogous

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



186.2020, 33.9174, -5.4392



194.0610, 28.0709, 49.9355



180.8830, 7.9457, 65.0006

Triad

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



194.0610, 28.0709, 49.9355



183.2030, -54.8231, 37.5330



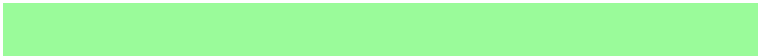
153.8100, 41.0127, -134.8914

Complementary

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



194.0610, 28.0709, 49.9355



210.9390, -28.0709, -49.9355

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.



147.3120, 16.1152, -129.1926



194.0610, 28.0709, 49.9355



177.9910, -46.8306, -6.1311

Square

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



194.0610, 28.0709, 49.9355



182.2830, -42.5375, 63.7728



167.5940, -21.4918, -60.1569



152.3400, 50.6114, -133.6022

Rectangle

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



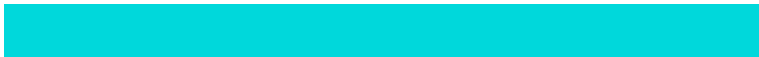
194.0610, 28.0709, 49.9355



177.2520, -8.5052, 68.1850



167.5940, -21.4918, -60.1569



151.7580, 33.1503, -133.0918

Sweetspot

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



194.0610, 28.0709, 49.9355



236.8030, 8.9711, 15.9588



165.0580, 42.3694, -9.6979



117.4340, 5.2090, 9.2664



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.



194.0610, 28.0709, 49.9355



186.3210, 33.8587, 60.2315



188.5890, 7.1046, 54.7344



117.3690, 3.7621, 6.6924



78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Inverse Universe

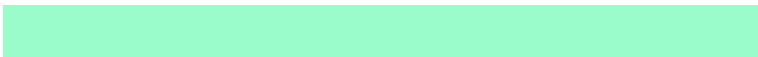
The Inverse Universe completely reimagines the original color for something new.



194.0610, 28.0709, 49.9355



186.3210, 33.8587, 60.2315



216.5250, -6.6678, -54.8344



117.3690, 3.7621, 6.6924



78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 194.0610, 28.0709, 49.9355 looks on a white background.

Color Contrast Check

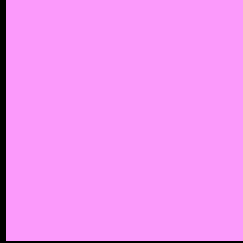
Large Text (above 18pt) WCAG AA × Fail

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 194.0610, 28.0709, 49.9355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

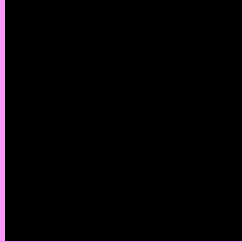
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.0610, 28.0709, 49.9355

Background



This preview shows how black text looks on a background with the YUV color 194.0610, 28.0709, 49.9355.



This preview shows how white text looks on a background with the YUV color 194.0610, 28.0709,

49.9355.

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

194.0610, 28.0709, 49.9355

Protanopia

189.0710, 32.5030, -18.4793

Deuteranopia

190.0350, 27.0977, -11.4317



Tritanopia

192.3090, -5.0823, 43.5790

Trichromacy



Original Color

194.0610, 28.0709, 49.9355



Protanomaly

190.8830, 31.1167, 6.2416



Deuteranomaly

191.2920, 27.4640, 11.1449



Tritanomaly

193.1210, 6.8423, 45.4979

Monochromacy



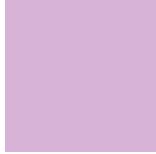
Original Color

194.0610, 28.0709, 49.9355



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.8680, 10.4181, 18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.0610, 28.0709, 49.9355 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(251, 154, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 154, 251)  
}
```

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(251, 154, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 154, 251) }
```

Border

The CSS property to change the border of an element to YUV 194.0610, 28.0709, 49.9355 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(251, 154, 251) }
```


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

```
.border{ border-color:rgb(251, 154, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 154, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 154, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 154, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 154,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 194.0610, 28.0709, 49.9355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 154, 251) }
```

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

```
.background{ background-color: rgb(251,  
154, 251) }
```

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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