

Converting Colors

YUV(194.7840, 28.2075,
52.8094)

Have a look what the booklet for
YUV(194.7840, 28.2075, 52.8094)
contains.

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Color

**YUV(194.7840, 28.2075,
52.8094)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF99FC |
| RGB | 255, 153, 252 |
| RGB Percent | 100%, 60%, 99% |
| CMY | 0.0000, 0.4000, 0.0118 |
| CMYK | 0.00, 0.40, 0.01, 0.00 |
| HSL | 302°, 100%, 80% |
| HSV | 302°, 40%, 100% |
| XYZ | 70.2019, 51.0707, 98.2531 |
| YIQ | 194.7840, 29.0130, 52.4130 |

Conversions

Conversions Part 2

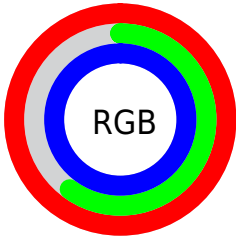
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 153, 252 |
| Decimal | 16751100 |
| CIE Lab | 76.72, 52.30, -33.40 |
| CIE LCh | 77, 62.060, 327.437 |
| Yxy | 51.0707, 0.3198, 0.2326 |
| Android (android.graphics.Color) | 4294941180 (0xFFFF99FC) |
| YUV | 194.7840, 28.2075, 52.8094 |
| Hunter-Lab | 71.4638, 50.2865, -31.4911 |

Details

The YUV color **194.7840, 28.2075, 52.8094** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **213.2160, -28.2075, -52.8094**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 13.3120, 23.6808**, and **139.2460, 27.4867, 50.6503** is the 20% darker color. If you saturate the color by 10%, you get **179.9950, 35.0055, 65.7794**, and if you desaturate by 10%, it is **210.1600, 21.1201, 39.3247**.

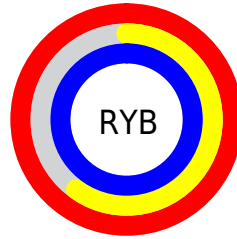
Distribution



Red (100%)

Green (60%)

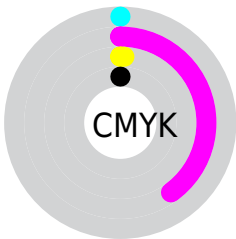
Blue (99%)



Red (100%)

Yellow (60%)

Blue (99%)

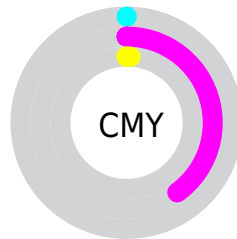


Cyan (0%)

Magenta (40%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 194.7840, 28.2075, 52.8094 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 194.7840, 28.2075, 52.8094 by changing the saturation by 10% instead.


 194.7840, 28.2075,
52.8094


 194.7840, 28.2075,
52.8094


255.0000, 0.0000,
0.0000


 166.6590, 27.7761,
51.1651

 227.9980, 13.3120,
23.6808


 139.2460, 27.4867,
50.6503

 245.0210, 4.9196,
8.7516

 111.6480, 27.7815,
49.4207

 84.3490, 27.9289,
48.8059

 53.3540, 30.3915,
52.3095

 36.2730, 26.4874,
44.4876

 25.7630, 19.8368,

30.9028

■ 16.0790, 13.7651,
18.3477

■ 3.0950, 9.3202,
-2.7143

■ 194.7840, 28.2075,
52.8094

■ 194.7840, 28.2075,
52.8094

■ 179.9950, 35.0055,
65.7794

■ 210.1600, 21.1201,
39.3247

■ 164.7330, 42.5296,
79.1642

■ 224.9490, 14.3221,
26.3547

■ 149.9440, 49.3276,
92.1341

■ 240.2110, 6.7980,
12.9700

■ 134.5680, 56.4150,
105.6189

■ 255.0000, 0.0000,
0.0000

■ 119.1920, 63.5023,
119.1036

■ 104.5170, 70.7371,
131.9736

Harmonies

Analogous

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



187.3980, 33.3278, -2.9800



194.7840, 28.2075, 52.8094



180.2960, 8.2351, 65.5154

Triad

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



194.7840, 28.2075, 52.8094



183.9210, -57.1491, 36.9033



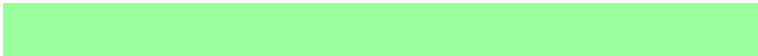
154.8530, 42.4705, -135.8061

Complementary

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



194.7840, 28.2075, 52.8094



213.2160, -28.2075, -52.8094

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.



148.1270, 16.6994, -129.9074



194.7840, 28.2075, 52.8094



178.3390, -47.9881, -8.1903

Square

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



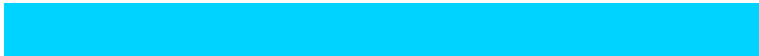
194.7840, 28.2075, 52.8094



182.5280, -44.1373, 63.5579



166.5010, -20.4600, -64.4604



152.9270, 50.3220, -134.1170

Rectangle

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



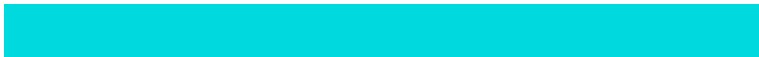
194.7840, 28.2075, 52.8094



176.4370, -9.0894, 68.8998



166.5010, -20.4600, -64.4604



153.2740, 33.8819, -134.4213

Sweetspot

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



194.7840, 28.2075, 52.8094



236.6890, 8.5343, 16.0587



165.2260, 44.2586, -8.9682



117.3200, 4.7722, 9.3664



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.



194.7840, 28.2075, 52.8094



182.9300, 33.5585, 63.2054



189.0840, 6.3676, 57.8083



120.2550, 3.3253, 6.7924



78.3130, 53.0897, 98.8265



26.2040, 17.6474, 33.1471

Inverse Universe

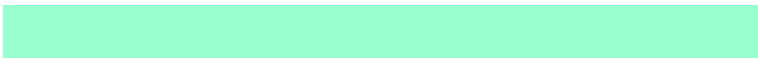
The Inverse Universe completely reimagines the original color for something new.



194.7840, 28.2075, 52.8094



182.9300, 33.5585, 63.2054



218.9160, -6.3676, -57.8083



120.2550, 3.3253, 6.7924



78.3130, 53.0897, 98.8265



26.2040, 17.6474, 33.1471

Previews

White Background



This preview shows how the YUV color 194.7840, 28.2075, 52.8094 looks on a white background.

Color Contrast Check

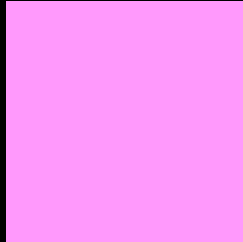
Large Text (above 18pt) WCAG AA × Fail

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 194.7840, 28.2075, 52.8094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

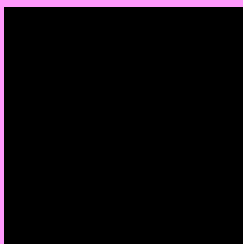
Any Text WCAG AA ✓ Pass

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 194.7840, 28.2075, 52.8094 Background



This preview shows how black text looks on a background with the YUV color 194.7840, 28.2075, 52.8094.



This preview shows how white text looks on a background with the YUV color 194.7840, 28.2075,

52.8094.

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

194.7840, 28.2075, 52.8094

Protanopia

189.9570, 32.0662, -18.3793

Deuteranopia

190.4480, 27.3871, -10.9169



Tritanopia

192.8040, -5.8194, 46.6529

Trichromacy



Original Color

194.7840, 28.2075, 52.8094



Protanomaly

191.4810, 30.8219, 7.4712



Deuteranomaly

192.0040, 27.6060, 12.2745



Tritanomaly

193.7300, 6.5421, 48.4718

Monochromacy



Original Color

194.7840, 28.2075, 52.8094



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.1670, 10.2707, 19.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.7840, 28.2075, 52.8094 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, 153, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 252)  
}
```

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, 153, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 252) }
```

Border

The CSS property to change the border of an element to YUV 194.7840, 28.2075, 52.8094 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, 153, 252) }
```


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

```
.border{ border-color:rgb(255, 153, 252) }
```

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

Here you see how a box with a 4 pixel rgb(255, 153, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 194.7840, 28.2075, 52.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 252) }
```

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

```
.background{ background-color: rgb(255,  
153, 252) }
```

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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