

Converting Colors

YUV(193.8890, 22.2397,
53.5943)

Have a look what the booklet for
YUV(193.8890, 22.2397, 53.5943)
contains.

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Color

**YUV(193.8890, 22.2397,
53.5943)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9AEF
RGB	255, 154, 239
RGB Percent	100%, 60%, 94%
CMY	0.0000, 0.3961, 0.0627
CMYK	0.00, 0.40, 0.06, 0.00
HSL	310°, 100%, 80%
HSV	310°, 40%, 100%
XYZ	68.3756, 50.6032, 87.8250
YIQ	193.8890, 32.9110, 47.8470

Conversions

Conversions Part 2

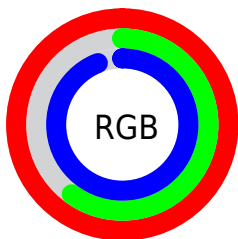
Format	Color
R _Y B	255, 154, 239
Decimal	16751343
CIE Lab	76.44, 49.57, -26.80
CIE LCh	76, 56.352, 331.607
Yxy	50.6032, 0.3306, 0.2447
Android (android.graphics.Color)	4294941423 (0xFFFF9AEF)
YUV	193.8890, 22.2397, 53.5943
Hunter-Lab	71.1359, 47.0857, -23.4047

Details

The YUV color **193.8890, 22.2397, 53.5943** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **215.1110, -22.2397, -53.5943**, 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 **138.4650, 21.9558, 51.3352** is the 20% darker color. If you saturate the color by 10%, you get **178.7580, 27.7273, 66.8642**, and if you desaturate by 10%, it is **209.0200, 16.7521, 40.3245**.

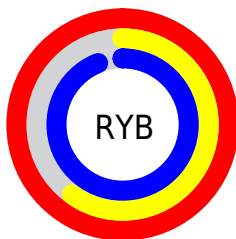
Distribution



Red (100%)

Green (60%)

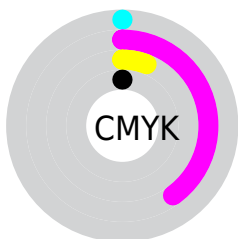
Blue (94%)



Red (100%)

Yellow (60%)

Blue (94%)

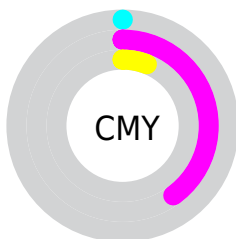


Cyan (0%)

Magenta (40%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.8890, 22.2397, 53.5943 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 193.8890, 22.2397, 53.5943 by changing the saturation by 10% instead.


 193.8890, 22.2397,
53.5943


 193.8890, 22.2397,
53.5943


255.0000, 0.0000,
0.0000


 166.1770, 22.0977,
52.4648


 228.5850, 13.0226,
23.1660


 138.4650, 21.9558,
51.3352

 245.6080, 4.6303,
8.2368

 111.4540, 21.9612,
49.5908

 84.5680, 22.3980,
49.4909

 54.4480, 24.4291,
51.3501

 35.1330, 22.1194,
45.4874

 24.7370, 15.9057,

31.8027

■ 15.3520, 9.6865,
19.8623

■ 0.9120, 3.4944,
-0.7998

■ 193.8890, 22.2397,
53.5943

■ 193.8890, 22.2397,
53.5943

■ 178.7580, 27.7273,
66.8642

■ 209.0200, 16.7521,
40.3245

■ 163.0400, 33.5043,
80.6489

■ 224.7380, 10.9752,
26.5398

■ 147.9090, 38.9919,
93.9188

■ 240.4560, 5.1982,
12.7551

■ 132.1910, 44.7688,
107.7035

■ 255.0000, 0.0000,
0.0000

■ 116.4730, 50.5458,
121.4882

■ 101.3420, 56.0334,
134.7581

■ 100.7550, 56.3228,
135.2729

Harmonies

Analogous

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



189.5130, 32.2851, 4.8121



193.8890, 22.2397, 53.5943



182.2050, 2.8569, 63.8412

Triad

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



193.8890, 22.2397, 53.5943



183.4730, -51.0122, 28.5262



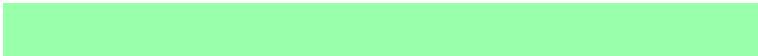
153.2060, 43.7754, -134.3617

Complementary

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



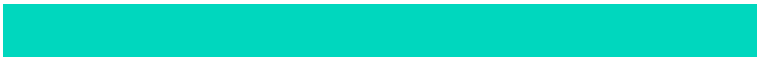
193.8890, 22.2397, 53.5943



215.1110, -22.2397, -53.5943

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.



147.8650, 20.7726, -129.6776



193.8890, 22.2397, 53.5943



177.6680, -40.2623, -12.8638

Square

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



193.8890, 22.2397, 53.5943



185.9190, -43.8371, 60.5840



167.2820, -14.9290, -65.1453



150.5790, 51.4796, -132.0578

Rectangle

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



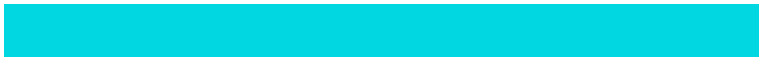
193.8890, 22.2397, 53.5943



179.3890, -13.0098, 66.3108



167.2820, -14.9290, -65.1453



151.8550, 36.0605, -133.1768

Sweetspot

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



193.8890, 22.2397, 53.5943



236.2330, 6.7871, 16.4587



169.9990, 41.9055, -0.8761



117.0920, 3.8986, 9.5663



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.



193.8890, 22.2397, 53.5943



181.2200, 27.0065, 64.7051



188.1890, 0.3998, 58.5932



120.0270, 2.4517, 6.9923



75.4630, 42.1697, 101.3259



25.2920, 14.1530, 33.9469

Inverse Universe

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



193.8890, 22.2397, 53.5943



181.2200, 27.0065, 64.7051



220.8110, -0.3998, -58.5932



120.0270, 2.4517, 6.9923



75.4630, 42.1697, 101.3259



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 193.8890, 22.2397, 53.5943 looks on a white background.

Color Contrast Check

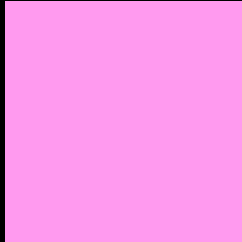
Large Text (above 18pt) WCAG AA × Fail

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 193.8890, 22.2397, 53.5943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

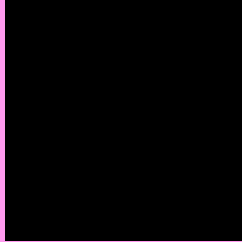
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.8890, 22.2397, 53.5943

Background



This preview shows how black text looks on a background with the YUV color 193.8890, 22.2397, 53.5943.



This preview shows how white text looks on a background with the YUV color 193.8890, 22.2397, 53.5943.

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

193.8890, 22.2397, 53.5943

Protanopia

189.3700, 32.3556, -17.8645

Deuteranopia

190.4720, 20.9663, -4.7989



Tritanopia

192.0000, -6.4090, 49.1120

Trichromacy



Original Color

193.8890, 22.2397, 53.5943



Protanomaly

190.9110, 28.6379, 7.9711



Deuteranomaly

191.7180, 21.3380, 16.0333



Tritanomaly

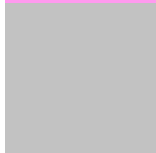
193.0570, 3.9159, 50.8160

Monochromacy



Original Color

193.8890, 22.2397, 53.5943



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.5970, 8.0867, 19.6474

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8890, 22.2397, 53.5943 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, 154, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 239)  
}
```

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, 154, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 239) }
```

Border

The CSS property to change the border of an element to YUV 193.8890, 22.2397, 53.5943 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, 154, 239) }
```


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

```
.border{ border-color:rgb(255, 154, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 193.8890, 22.2397, 53.5943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 239) }
```

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

```
.background{ background-color: rgb(255,  
154, 239) }
```

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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