

Converting Colors

YUV(142.5080, 53.9796,
93.3935)

Have a look what the booklet for
YUV(142.5080, 53.9796, 93.3935)
contains.

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Color

**YUV(142.5080, 53.9796,
93.3935)**

Conversions

Conversions Part 1

Format	Color
Hex	F943FC
RGB	249, 67, 252
RGB Percent	98%, 26%, 99%
CMY	0.0235, 0.7373, 0.0118
CMYK	0.01, 0.73, 0.00, 0.01
HSL	299°, 97%, 63%
HSV	299°, 73%, 99%
XYZ	58.6448, 31.1823, 95.0233
YIQ	142.5080, 49.0870, 96.1190

Conversions

Conversions Part 2

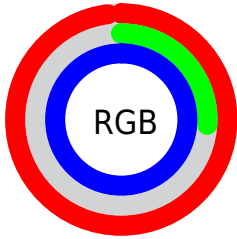
Format	Color
R _Y B	249, 67, 252
Decimal	16335868
CIE Lab	62.66, 86.61, -55.50
CIE LCh	63, 102.866, 327.346
Yxy	31.1823, 0.3173, 0.1687
Android (android.graphics.Color)	4294525948 (0xFFFF943FC)
YUV	142.5080, 53.9796, 93.3935
Hunter-Lab	55.8411, 89.7400, -61.8034

Details

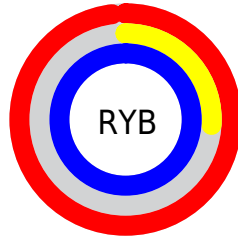
The YUV color **142.5080, 53.9796, 93.3935** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **176.4920, -53.9796, -93.3935**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7990, 35.5951, 63.3203**, and **78.4420, 57.4631, 96.0824** is the 20% darker color. If you saturate the color by 10%, you get **127.8330, 61.2143, 106.2635**, and if you desaturate by 10%, it is **157.1830, 46.7448, 80.5235**.

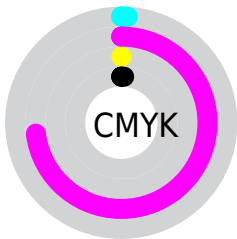
Distribution



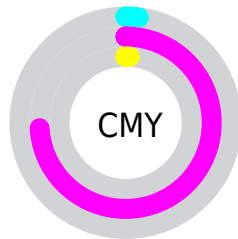
- Red (98%)
- Green (26%)
- Blue (99%)



- Red (98%)
- Yellow (26%)
- Blue (99%)



- Cyan (1%)
- Magenta (73%)
- Yellow (0%)
- Black (1%)




- Cyan (2%)
- Magenta (74%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.5080, 53.9796, 93.3935 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 142.5080, 53.9796, 93.3935 by changing the saturation by 10% instead.


 142.5080, 53.9796,
93.3935


 142.5080, 53.9796,
93.3935


255.0000, 0.0000,
0.0000


 101.1700, 60.0622,
102.4599


 182.7990, 35.5951,
63.3203


 78.4420, 57.4631,
96.0824


 200.4090, 26.9134,
47.8763

 66.2800, 49.6550,
80.4384


 218.6060, 17.9422,
31.9175

 54.5310, 42.1362,
65.3093

 236.2160, 9.2605,
16.4736

 42.8960, 35.0543,
50.0802

254.4130, 0.2894,
0.5148

 31.5600, 27.8249,
35.4659

 19.8540, 21.7640,

19.4220

■ 4.6740, 17.9087,
-4.0991

■ 2.6390, 7.5730,
-2.3144

■ 142.5080, 53.9796,
93.3935

■ 142.5080, 53.9796,
93.3935

■ 127.8330, 61.2143,
106.2635

■ 157.1830, 46.7448,
80.5235

■ 112.8590, 68.5965,
118.5187

■ 172.1570, 39.3626,
68.2683

■ 102.8800, 73.5162,
127.2702

■ 187.4190, 31.8384,
54.8835

■ 202.3930, 24.4563,
42.6283

217.0680, 17.2215,
29.7584

231.7430, 9.9867,
16.8884

246.7170, 2.6045,
4.6332

253.7610, -0.8682,
-1.5444

254.0600, -1.0156,
-0.9296

Harmonies

Analogous

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



137.9600, 57.7007, -27.1519



142.5080, 53.9796, 93.3935



94.9410, 34.0461, 140.3717

Triad

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



142.5080, 53.9796, 93.3935



142.8110, -70.4058, 42.2618



137.6190, 47.5158, -120.6919

Complementary

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



142.5080, 53.9796, 93.3935



176.4920, -53.9796, -93.3935

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.



126.4300, 7.1830, -110.8791



142.5080, 53.9796, 93.3935



129.6900, -63.9372, -26.0381

Square

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



142.5080, 53.9796, 93.3935



136.1190, -67.1067, 104.2586



110.8240, -37.3812, -97.1926



137.0780, 58.1355, -120.2174

Rectangle

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



142.5080, 53.9796, 93.3935



88.1010, 7.8382, 146.3704



110.8240, -37.3812, -97.1926



134.1990, 34.4119, -117.6925

Sweetspot

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



142.5080, 53.9796, 93.3935



221.8290, 16.3533, 28.2140



89.8510, 79.9395, -20.0403



107.7430, 9.9867, 16.8884



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.



142.5080, 53.9796, 93.3935



122.3160, 65.4132, 112.8559



133.2590, 14.6623, 104.1359



117.3690, 3.7621, 6.6924



77.1600, 55.1371, 95.4527



24.8940, 17.8003, 30.7880

Inverse Universe

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



122.6570, -25.9599, 113.4338



98.3180, -31.7088, 137.4101



185.7410, -14.6623, -104.1359



116.0010, -1.4795, 7.8921



56.8530, -26.5495, 115.8929



18.3530, -8.5550, 37.4014

Previews

White Background



This preview shows how the YUV color 142.5080, 53.9796, 93.3935 looks on a white background.

Color Contrast Check

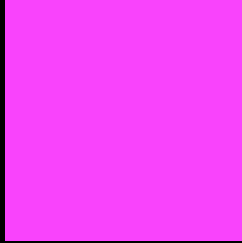
Large Text (above 18pt) WCAG AA × Fail

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 142.5080, 53.9796, 93.3935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

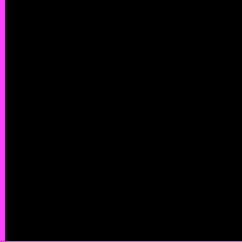
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 142.5080, 53.9796, 93.3935

Background



This preview shows how black text looks on a background with the YUV color 142.5080, 53.9796, 93.3935.



This preview shows how white text looks on a background with the YUV color 142.5080, 53.9796, 93.3935.

93.3935.

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

142.5080, 53.9796, 93.3935

Protanopia

147.3410, 53.0759, -37.1331

Deuteranopia

147.2670, 45.2244, -38.8222



Tritanopia

150.7920, -14.1945, 72.9734

Trichromacy



Original Color

142.5080, 53.9796, 93.3935



Protanomaly

145.7520, 53.3663, 9.8645



Deuteranomaly

145.4870, 48.5669, 9.2199



Tritanomaly

147.6660, 10.5177, 80.0999

Monochromacy



Original Color

142.5080, 53.9796, 93.3935



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.7850, 19.8260, 34.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5080, 53.9796, 93.3935 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(249, 67, 252)` looks like.

```
.text, #text, p{  
    color:rgb(249, 67, 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(249, 67, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 67, 252) }
```

Border

The CSS property to change the border of an element to YUV 142.5080, 53.9796, 93.3935 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(249, 67, 252) }
```


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

```
.border{ border-color:rgb(249, 67, 252) }
```

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

Here you see how a box with a 4 pixel rgb(249, 67, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 67, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 67, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 67,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 142.5080, 53.9796, 93.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 67, 252) }
```

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

```
.background{ background-color: rgb(249, 67,  
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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