

Converting Colors

YUV(126.9920, 53.2479,
94.7230)

Have a look what the booklet for
YUV(126.9920, 53.2479, 94.7230)
contains.

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Color

**YUV(126.9920, 53.2479,
94.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	EB33EB
RGB	235, 51, 235
RGB Percent	92%, 20%, 92%
CMY	0.0784, 0.8000, 0.0784
CMYK	0.00, 0.78, 0.00, 0.08
HSL	300°, 82%, 56%
HSV	300°, 78%, 92%
XYZ	50.4402, 26.0280, 80.9627
YIQ	126.9920, 50.6000, 96.2320

Conversions

Conversions Part 2

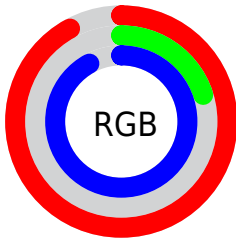
Format	Color
R _Y B	235, 51, 235
Decimal	15414251
CIE Lab	58.06, 85.57, -53.50
CIE LCh	58, 100.915, 327.987
Yxy	26.0280, 0.3204, 0.1653
Android (android.graphics.Color)	4293604331 (0xFFEB33EB)
YUV	126.9920, 53.2479, 94.7230
Hunter-Lab	51.0176, 87.1988, -58.3782

Details

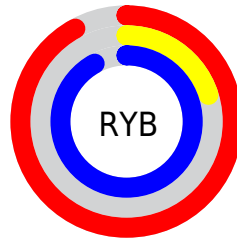
The YUV color **126.9920, 53.2479, 94.7230** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **159.0080, -53.2479, -94.7230**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1680, 39.3572, 70.0127**, and **72.6170, 51.9538, 89.7899** is the 20% darker color. If you saturate the color by 10%, you get **112.9040, 60.1933, 107.0782**, and if you desaturate by 10%, it is **141.0800, 46.3026, 82.3678**.

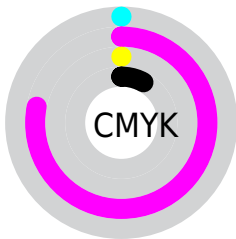
Distribution



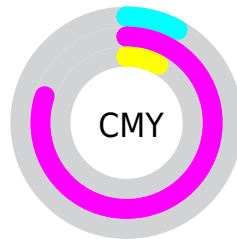
- Red (92%)
- Green (20%)
- Blue (92%)



- Red (92%)
- Yellow (20%)
- Blue (92%)



- Cyan (0%)
- Magenta (78%)
- Yellow (0%)
- Black (8%)





- Cyan (8%)
- Magenta (80%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.9920, 53.2479, 94.7230 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 126.9920, 53.2479, 94.7230 by changing the saturation by 10% instead.


 126.9920, 53.2479,
94.7230


 126.9920, 53.2479,
94.7230


255.0000, 0.0000,
0.0000

 84.7790, 59.7620,
105.4338


 175.1680, 39.3572,
70.0127


 72.6170, 51.9538,
89.7899


 193.3650, 30.3861,
54.0539


 60.5690, 44.5825,
74.0460


 210.9750, 21.7043,
38.6099

 48.9340, 37.5005,
58.8169

 228.5850, 13.0226,
23.1660

 37.2990, 30.4186,
43.5878

 246.1950, 4.3409,
7.7220

 26.3760, 23.4786,
29.4882

 14.3710, 17.5651,

12.8296

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 126.9920, 53.2479,
94.7230

■ 126.9920, 53.2479,
94.7230

■ 112.9040, 60.1933,
107.0782

■ 141.0800, 46.3026,
82.3678

■ 99.4030, 66.8493,
118.9186

■ 154.5810, 39.6466,
70.5275

■ 97.0550, 68.0069,
120.9778

■ 168.6690, 32.7012,
58.1723

■ 182.1700, 26.0452,
46.3319

■ 196.2580, 19.0998,
33.9767

■ 209.7590, 12.4438,
22.1364

■ 223.8470, 5.4984,
9.7812

■ 237.3480, -1.1576,
-2.0592

■ 246.7400, -5.7878,
-10.2960

Harmonies

Analogous

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



128.2250, 62.5001, -26.5073



126.9920, 53.2479, 94.7230



93.3450, 27.9309, 141.7714

Triad

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



126.9920, 53.2479, 94.7230



131.5700, -64.8640, 38.0881



127.9190, 45.8889, -112.1850

Complementary

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



126.9920, 53.2479, 94.7230



159.0080, -53.2479, -94.7230

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.



117.0720, 6.8665, -102.6721



126.9920, 53.2479, 94.7230



118.1610, -58.2534, -29.0822

Square

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



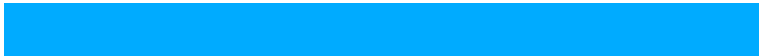
126.9920, 53.2479, 94.7230



125.7640, -62.0017, 100.1850



102.2810, -37.1135, -89.7004



129.4470, 61.8976, -113.5250

Rectangle

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



126.9920, 53.2479, 94.7230



86.7330, 2.5966, 147.5702



102.2810, -37.1135, -89.7004



124.6130, 33.2218, -109.2856

Sweetspot

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



126.9920, 53.2479, 94.7230



220.3670, 17.0741, 30.3731



71.9760, 80.3708, -18.3960



106.8680, 10.4181, 18.5328



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.



126.9920, 53.2479, 94.7230



114.1200, 69.4538, 123.5518



116.5040, 13.0625, 103.9210



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Inverse Universe

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



126.9920, 53.2479, 94.7230



114.1200, 69.4538, 123.5518



169.4960, -13.0625, -103.9210



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 126.9920, 53.2479, 94.7230 looks on a white background.

Color Contrast Check

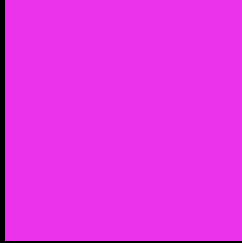
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9920, 53.2479, 94.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

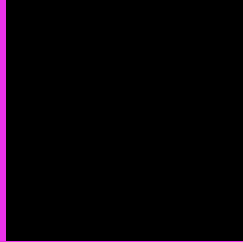
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.9920, 53.2479, 94.7230

Background



This preview shows how black text looks on a background with the YUV color 126.9920, 53.2479, 94.7230.



This preview shows how white text looks on a background with the YUV color 126.9920, 53.2479, 94.7230.

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

126.9920, 53.2479, 94.7230

Protanopia

132.2240, 60.5286, -47.5544

Deuteranopia

135.2950, 42.7456, -37.0927



Tritanopia

137.6780, -14.6313, 73.0734

Trichromacy



Original Color

126.9920, 53.2479, 94.7230



Protanomaly

130.2720, 58.0399, 4.1465



Deuteranomaly

132.6290, 46.5249, 10.8494



Tritanomaly

133.8510, 9.9335, 80.8147

Monochromacy



Original Color

126.9920, 53.2479, 94.7230



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.6710, 19.3892, 34.4915

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9920, 53.2479, 94.7230 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(235, 51, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 51, 235)  
}
```

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(235, 51, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 51, 235) }
```

Border

The CSS property to change the border of an element to YUV 126.9920, 53.2479, 94.7230 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(235, 51, 235) }
```


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

```
.border{ border-color:rgb(235, 51, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 51, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 51, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 51, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 51,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 126.9920, 53.2479, 94.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 51, 235) }
```

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

```
.background{ background-color: rgb(235, 51,  
235) }
```

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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