

Converting Colors

YUV(132.9540, 54.2527,
99.1413)

Have a look what the booklet for
YUV(132.9540, 54.2527, 99.1413)
contains.

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Color

**YUV(132.9540, 54.2527,
99.1413)**

Conversions

Conversions Part 1

Format	Color
Hex	F636F3
RGB	246, 54, 243
RGB Percent	96%, 21%, 95%
CMY	0.0353, 0.7882, 0.0471
CMYK	0.00, 0.78, 0.01, 0.04
HSL	301°, 91%, 59%
HSV	301°, 78%, 96%
XYZ	55.5029, 28.7022, 87.4088
YIQ	132.9540, 53.7630, 99.4830

Conversions

Conversions Part 2

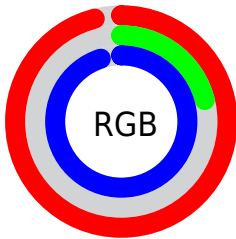
Format	Color
R _Y B	246, 54, 243
Decimal	16135923
CIE Lab	60.52, 88.10, -53.95
CIE LCh	61, 103.310, 328.519
Yxy	28.7022, 0.3234, 0.1672
Android (android.graphics.Color)	4294326003 (0xFFFF636F3)
YUV	132.9540, 54.2527, 99.1413
Hunter-Lab	53.5745, 91.1698, -59.2318

Details

The YUV color **132.9540, 54.2527, 99.1413** 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 **167.0460, -54.2527, -99.1413**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5160, 38.1996, 67.9535**, and **76.5190, 53.9741, 95.1378** is the 20% darker color. If you saturate the color by 10%, you get **118.2790, 61.4875, 112.0113**, and if you desaturate by 10%, it is **147.6290, 47.0179, 86.2714**.

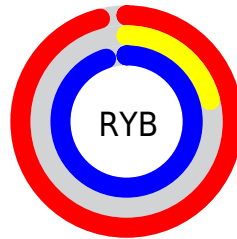
Distribution



Red (96%)

Green (21%)

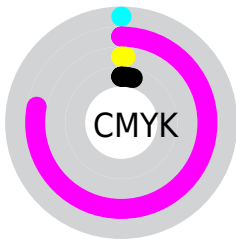
Blue (95%)



Red (96%)

Yellow (21%)

Blue (95%)

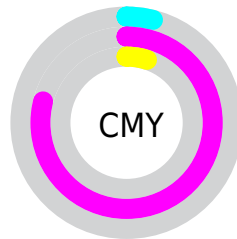


Cyan (0%)

Magenta (78%)

Yellow (1%)

Black (4%)



Cyan (4%)


Magenta (79%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.9540, 54.2527, 99.1413 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 132.9540, 54.2527, 99.1413 by changing the saturation by 10% instead.


 132.9540, 54.2527,
99.1413


 132.9540, 54.2527,
99.1413


255.0000, 0.0000,
0.0000


 88.6810, 61.7823,
110.7818


 177.5160, 38.1996,
67.9535


 76.5190, 53.9741,
95.1378


 195.1260, 29.5179,
52.5095


 64.4710, 46.6028,
79.3939


 213.3230, 20.5468,
36.5507

 52.7220, 39.0841,
64.2648

 230.9330, 11.8650,
21.1068

 41.0870, 32.0021,
49.0357

 249.1300, 2.8939,
5.1480

 30.1640, 25.0621,
34.9362

 18.1590, 19.1486,

18.2776

■ 3.8760, 14.8511,
-3.3993

■ 0.9120, 3.4944,
-0.7998

■ 132.9540, 54.2527,
99.1413

■ 132.9540, 54.2527,
99.1413

■ 118.2790, 61.4875,
112.0113

■ 147.6290, 47.0179,
86.2714

■ 104.0770, 67.9960,
124.4665

■ 161.8310, 40.5093,
73.8162

■ 101.1420, 69.4430,
127.0405

■ 176.5060, 33.2745,
60.9462

■ 190.7080, 26.7660,
48.4911

205.3830, 19.5312,
35.6211

220.0580, 12.2964,
22.7511

234.2600, 5.7878,
10.2960

248.9350, -1.4470,
-2.5740

251.2830, -2.6045,
-4.6332

Harmonies

Analogous

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



133.8620, 59.7210, -21.8040



132.9540, 54.2527, 99.1413



93.9150, 30.1149, 141.2715

Triad

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



132.9540, 54.2527, 99.1413



136.8860, -67.4848, 38.6880



133.8690, 48.3786, -117.4031

Complementary

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



132.9540, 54.2527, 99.1413



167.0460, -54.2527, -99.1413

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.



122.6800, 8.0458, -107.5904



132.9540, 54.2527, 99.1413



123.1670, -60.7213, -30.8415

Square

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



132.9540, 54.2527, 99.1413



131.9770, -65.0647, 102.6292



107.7750, -36.3711, -94.5187



133.5560, 59.8719, -117.1286

Rectangle

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



132.9540, 54.2527, 99.1413



87.0750, 3.9070, 147.2702



107.7750, -36.3711, -94.5187



130.4490, 35.2746, -114.4038

Sweetspot

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



132.9540, 54.2527, 99.1413



220.2530, 16.6373, 30.4731



75.8880, 83.8652, -19.1958



106.7540, 9.9813, 18.6327



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.



132.9540, 54.2527, 99.1413



113.6640, 67.7066, 123.9517



122.3520, 13.6305, 108.4393



114.9560, 3.4727, 6.1776



76.4760, 52.5163, 96.0525



24.2530, 16.6373, 30.4731

Inverse Universe

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



132.9540, 54.2527, 99.1413



113.6640, 67.7066, 123.9517



177.6480, -13.6305, -108.4393



114.9560, 3.4727, 6.1776



76.4760, 52.5163, 96.0525



24.2530, 16.6373, 30.4731

Previews

White Background



This preview shows how the YUV color 132.9540, 54.2527, 99.1413 looks on a white background.

Color Contrast Check

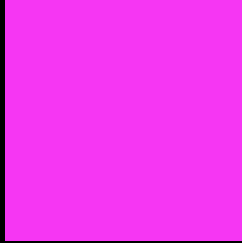
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.9540, 54.2527, 99.1413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

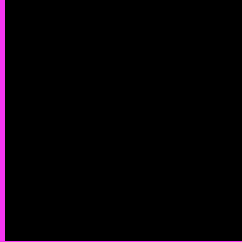
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.9540, 54.2527, 99.1413

Background



This preview shows how black text looks on a background with the YUV color 132.9540, 54.2527, 99.1413.



This preview shows how white text looks on a background with the YUV color 132.9540, 54.2527, 99.1413.

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

132.9540, 54.2527, 99.1413

Protanopia

140.8180, 56.2917, -41.9364

Deuteranopia

141.8220, 43.4718, -36.6779



Tritanopia

143.7710, -15.6631, 77.3768

Trichromacy



Original Color

132.9540, 54.2527, 99.1413



Protanomaly

138.3220, 55.5503, 9.3646



Deuteranomaly

138.8680, 47.3931, 12.3938



Tritanomaly

139.5850, 10.0646, 85.4330

Monochromacy



Original Color

132.9540, 54.2527, 99.1413



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.7960, 19.8206, 36.1359

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.9540, 54.2527, 99.1413 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(246, 54, 243)` looks like.

```
.text, #text, p{  
    color:rgb(246, 54, 243)  
}
```

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(246, 54, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 54, 243) }
```

Border

The CSS property to change the border of an element to YUV 132.9540, 54.2527, 99.1413 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(246, 54, 243) }
```


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

```
.border{ border-color:rgb(246, 54, 243) }
```

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

Here you see how a box with a 4 pixel rgb(246, 54, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 54, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 54, 243);  
box-shadow:4px 4px 4px 4px rgb(246, 54,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 132.9540, 54.2527, 99.1413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 54, 243) }
```

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

```
.background{ background-color: rgb(246, 54,  
243) }
```

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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