

Converting Colors

YUV(136.5420, 49.0328,
93.3637)

Have a look what the booklet for
YUV(136.5420, 49.0328, 93.3637)
contains.

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Color

**YUV(136.5420, 49.0328,
93.3637)**

Conversions

Conversions Part 1

Format	Color
Hex	F33FEC
RGB	243, 63, 236
RGB Percent	95%, 25%, 93%
CMY	0.0471, 0.7529, 0.0745
CMYK	0.00, 0.74, 0.03, 0.05
HSL	302°, 88%, 60%
HSV	302°, 74%, 95%
XYZ	53.8800, 28.6658, 82.0501
YIQ	136.5420, 51.7470, 91.9630

Conversions

Conversions Part 2

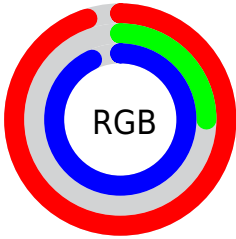
Format	Color
R _Y B	243, 63, 236
Decimal	15941612
CIE Lab	60.49, 84.13, -50.13
CIE LCh	60, 97.931, 329.212
Yxy	28.6658, 0.3273, 0.1742
Android (android.graphics.Color)	4294131692 (0xFFFF33FEC)
YUV	136.5420, 49.0328, 93.3637
Hunter-Lab	53.5405, 85.9360, -53.3829

Details

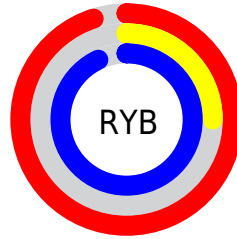
The YUV color **136.5420, 49.0328, 93.3637** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **169.4580, -49.0328, -93.3637**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4510, 36.7527, 65.3795**, and **75.1230, 51.2114, 94.6081** is the 20% darker color. If you saturate the color by 10%, you get **122.3400, 55.5414, 105.8188**, and if you desaturate by 10%, it is **150.7440, 42.5242, 80.9085**.

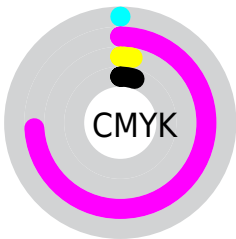
Distribution



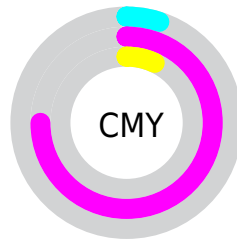
- Red (95%)
- Green (25%)
- Blue (93%)



- Red (95%)
- Yellow (25%)
- Blue (93%)



- Cyan (0%)
- Magenta (74%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (75%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.5420, 49.0328, 93.3637 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 136.5420, 49.0328, 93.3637 by changing the saturation by 10% instead.


 136.5420, 49.0328,
93.3637


 136.5420, 49.0328,
93.3637


255.0000, 0.0000,
0.0000


 93.1550, 56.1256,
105.1041


 180.4510, 36.7527,
65.3795


 75.1230, 51.2114,
94.6081


 198.0610, 28.0709,
49.9355


 63.0750, 43.8400,
78.8642


 215.6710, 19.3892,
34.4915

 51.4400, 36.7581,
63.6351

 233.2810, 10.7075,
19.0476

 39.8050, 29.6761,
48.4060

 251.4780, 1.7363,
3.0888

 28.8820, 22.7362,
34.3065

 17.2900, 17.1120,

18.1627

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 136.5420, 49.0328,
93.3637

■ 136.5420, 49.0328,
93.3637

■ 122.3400, 55.5414,
105.8188

■ 150.7440, 42.5242,
80.9085

■ 107.5510, 62.3394,
118.7888

■ 165.5330, 35.7262,
67.9386

■ 99.3330, 66.3908,
125.9960

■ 179.7350, 29.2176,
55.4834

■ 193.9370, 22.7091,
43.0283

208.1390, 16.2005,
30.5731

222.9280, 9.4025,
17.6031

237.1300, 2.8939,
5.1480

250.1580, -3.0359,
-6.2776

250.2720, -2.5991,
-6.3775

Harmonies

Analogous

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



137.1510, 58.0996, -15.0414



136.5420, 49.0328, 93.3637



93.5730, 28.8045, 141.5715

Triad

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



136.5420, 49.0328, 93.3637



136.8750, -67.4794, 36.9436



132.3530, 47.6470, -116.0736

Complementary

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



136.5420, 49.0328, 93.3637



169.4580, -49.0328, -93.3637

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.



121.7340, 9.4981, -106.7607



136.5420, 49.0328, 93.3637



123.4770, -60.8742, -28.4823

Square

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



136.5420, 49.0328, 93.3637



133.4170, -65.7746, 96.9813



108.4420, -31.2769, -95.1036



132.3820, 60.4507, -116.0990

Rectangle

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



136.5420, 49.0328, 93.3637



87.1890, 4.3438, 147.1702



108.4420, -31.2769, -95.1036



129.1610, 35.4166, -113.2742

Sweetspot

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



136.5420, 49.0328, 93.3637



221.9000, 15.3323, 29.0287



85.3140, 77.7392, -14.3074



107.8140, 8.9657, 17.7031



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.



136.5420, 49.0328, 93.3637



120.7250, 61.7606, 117.7592



126.3960, 10.1578, 102.2617



114.9560, 3.4727, 6.1776



76.0200, 50.7691, 96.4525



24.0250, 15.7637, 30.6731

Inverse Universe

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



136.5420, 49.0328, 93.3637



120.7250, 61.7606, 117.7592



179.6040, -10.1578, -102.2617



114.9560, 3.4727, 6.1776



76.0200, 50.7691, 96.4525



24.0250, 15.7637, 30.6731

Previews

White Background



This preview shows how the YUV color 136.5420, 49.0328, 93.3637 looks on a white background.

Color Contrast Check

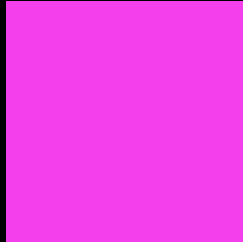
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.5420, 49.0328, 93.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

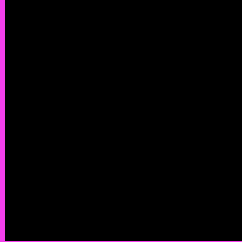
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.5420, 49.0328, 93.3637

Background



This preview shows how black text looks on a background with the YUV color 136.5420, 49.0328, 93.3637.



This preview shows how white text looks on a background with the YUV color 136.5420, 49.0328,

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

136.5420, 49.0328, 93.3637

Protanopia

140.8180, 56.2917, -41.9364

Deuteranopia

143.2310, 39.8191, -31.7746



Tritanopia

144.5750, -15.0735, 74.9177

Trichromacy



Original Color

136.5420, 49.0328, 93.3637



Protanomaly

139.4420, 53.5191, 7.5054



Deuteranomaly

140.7280, 43.0251, 13.3935



Tritanomaly

141.6940, 8.0389, 81.8294

Monochromacy



Original Color

136.5420, 49.0328, 93.3637



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.9160, 17.7894, 34.2767

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.5420, 49.0328, 93.3637 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(243, 63, 236)` looks like.

```
.text, #text, p{  
    color:rgb(243, 63, 236)  
}
```

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(243, 63, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 63, 236) }
```

Border

The CSS property to change the border of an element to YUV 136.5420, 49.0328, 93.3637 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(243, 63, 236) }
```


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

```
.border{ border-color:rgb(243, 63, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 63, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 63, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 63, 236);  
box-shadow:4px 4px 4px 4px rgb(243, 63,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 136.5420, 49.0328, 93.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 63, 236) }
```

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

```
.background{ background-color: rgb(243, 63,  
236) }
```

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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