

Converting Colors

YUV(133.6050, 56.8897,
93.3084)

Have a look what the booklet for
YUV(133.6050, 56.8897, 93.3084)
contains.

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Color

**YUV(133.6050, 56.8897,
93.3084)**

Conversions

Conversions Part 1

Format	Color
Hex	F039F9
RGB	240, 57, 249
RGB Percent	94%, 22%, 98%
CMY	0.0588, 0.7765, 0.0235
CMYK	0.04, 0.77, 0.00, 0.02
HSL	297°, 94%, 60%
HSV	297°, 77%, 98%
XYZ	54.4972, 28.2911, 92.2109
YIQ	133.6050, 47.4360, 98.5080

Conversions

Conversions Part 2

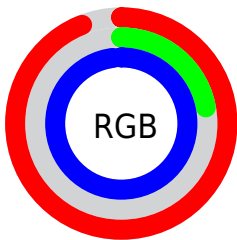
Format	Color
R _Y B	240, 57, 249
Decimal	15743481
CIE Lab	60.15, 87.15, -57.93
CIE LCh	60, 104.643, 326.388
Yxy	28.2911, 0.3114, 0.1617
Android (android.graphics.Color)	4293933561 (0xFFFF039F9)
YUV	133.6050, 56.8897, 93.3084
Hunter-Lab	53.1894, 89.8076, -65.5547

Details

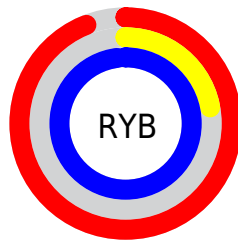
The YUV color **133.6050, 56.8897, 93.3084** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **172.3950, -56.8897, -93.3084**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1030, 37.9102, 67.4387**, and **75.4090, 57.4794, 90.8493** is the 20% darker color. If you saturate the color by 10%, you get **118.6310, 64.2719, 105.5636**, and if you desaturate by 10%, it is **148.5790, 49.5076, 81.0532**.

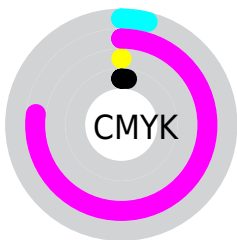
Distribution



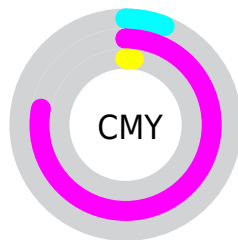
- Red (94%)
- Green (22%)
- Blue (98%)



- Red (94%)
- Yellow (22%)
- Blue (98%)



- Cyan (4%)
- Magenta (77%)
- Yellow (0%)
- Black (2%)





- Cyan (6%)
- Magenta (78%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.6050, 56.8897, 93.3084 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 133.6050, 56.8897, 93.3084 by changing the saturation by 10% instead.


 133.6050, 56.8897,
93.3084

 133.6050, 56.8897,
93.3084


255.0000, 0.0000,
0.0000


 87.8700, 65.1401,
107.1080


 178.1030, 37.9102,
67.4387


 75.4090, 57.4794,
90.8493


 196.3000, 28.9391,
51.4799


 63.5460, 49.5238,
75.8202

 213.9100, 20.2574,
36.0359

 51.4980, 42.1525,
60.0763

 231.5200, 11.5756,
20.5920

 39.8630, 35.0705,
44.8471

 249.7170, 2.6045,
4.6332

 28.9400, 28.1306,
30.7476

 16.5220, 21.9277,

13.5742

■ 4.9190, 16.3089,
-4.3140

■ 2.2970, 6.2626,
-2.0145

■ 133.6050, 56.8897,
93.3084

■ 133.6050, 56.8897,
93.3084

■ 118.6310, 64.2719,
105.5636

■ 148.5790, 49.5076,
81.0532

■ 103.6570, 71.6541,
117.8188

■ 163.5530, 42.1254,
68.7980

■ 99.2490, 73.8272,
120.8076

■ 178.8260, 34.5958,
57.1576

■ 193.8000, 27.2136,
44.9024

208.1870, 20.1208,
33.1620

223.1610, 12.7386,
20.9068

238.1350, 5.3564,
8.6516

252.5220, -1.7363,
-3.0888

253.1200, -2.0312,
-1.8592

Harmonies

Analogous

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



128.1480, 62.5380, -38.7178



133.6050, 56.8897, 93.3084



94.4850, 32.2989, 140.7717

Triad

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



133.6050, 56.8897, 93.3084



136.6200, -67.3537, 43.3063



132.4840, 45.6104, -116.1885

Complementary

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



133.6050, 56.8897, 93.3084



172.3950, -56.8897, -93.3084

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.



120.5940, 5.1302, -105.7609



133.6050, 56.8897, 93.3084



123.7870, -61.0270, -26.1232

Square

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



133.6050, 56.8897, 93.3084



129.6510, -63.9179, 108.1771



104.5490, -43.6547, -91.6895



133.5560, 59.8719, -117.1286

Rectangle

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



133.6050, 56.8897, 93.3084



87.6450, 6.0910, 146.7703



104.5490, -43.6547, -91.6895



129.0640, 32.5064, -113.1891

Sweetspot

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



133.6050, 56.8897, 93.3084



219.4700, 17.5163, 28.5288



84.7580, 80.9713, -24.3438



106.2700, 10.7129, 17.3032



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.



133.6050, 56.8897, 93.3084



112.5920, 70.2071, 115.2448



126.4920, 17.9984, 107.4395



117.0700, 3.9095, 6.0776



75.3660, 56.0216, 91.7640



24.2960, 18.0951, 29.5584

Inverse Universe

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



115.4340, -24.3710, 117.1374



90.1170, -30.1307, 144.6024



179.5080, -17.9984, -107.4395



116.0010, -1.4795, 7.8921



57.5370, -23.9287, 115.2931



18.5810, -7.6814, 37.2015

Previews

White Background



This preview shows how the YUV color 133.6050, 56.8897, 93.3084 looks on a white background.

Color Contrast Check

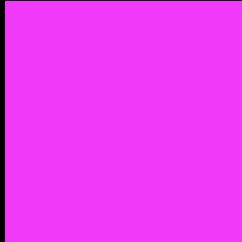
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.6050, 56.8897, 93.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

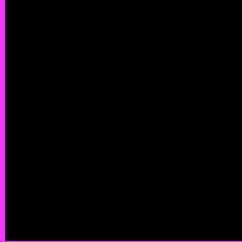
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.6050, 56.8897, 93.3084

Background



This preview shows how black text looks on a background with the YUV color 133.6050, 56.8897, 93.3084.



This preview shows how white text looks on a background with the YUV color 133.6050, 56.8897,

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

133.6050, 56.8897, 93.3084

Protanopia

139.6330, 56.8759, -42.6511

Deuteranopia

139.5160, 47.5666, -43.4255



Tritanopia

143.5960, -13.6048, 70.5143

Trichromacy



Original Color

133.6050, 56.8897, 93.3084



Protanomaly

137.3540, 57.0135, 6.7055



Deuteranomaly

137.7470, 50.9037, 6.3609



Tritanomaly

139.7090, 11.9755, 79.1852

Monochromacy



Original Color

133.6050, 56.8897, 93.3084



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.0130, 20.6996, 34.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6050, 56.8897, 93.3084 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(240, 57, 249)` looks like.

```
.text, #text, p{  
    color:rgb(240, 57, 249)  
}
```

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(240, 57, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 57, 249) }
```

Border

The CSS property to change the border of an element to YUV 133.6050, 56.8897, 93.3084 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(240, 57, 249) }
```


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

```
.border{ border-color:rgb(240, 57, 249) }
```

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

Here you see how a box with a 4 pixel rgb(240, 57, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 57, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 57, 249);  
box-shadow:4px 4px 4px 4px rgb(240, 57,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 133.6050, 56.8897, 93.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 57, 249) }
```

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

```
.background{ background-color: rgb(240, 57,  
249) }
```

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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