

Converting Colors

YUV(133.5780, 54.4380,
86.3161)

Have a look what the booklet for
YUV(133.5780, 54.4380, 86.3161)
contains.

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Color

**YUV(133.5780, 54.4380,
86.3161)**

Conversions

Conversions Part 1

Format	Color
Hex	E83EF4
RGB	232, 62, 244
RGB Percent	91%, 24%, 96%
CMY	0.0902, 0.7569, 0.0431
CMYK	0.05, 0.75, 0.00, 0.04
HSL	296°, 89%, 60%
HSV	296°, 75%, 96%
XYZ	51.3305, 27.1327, 88.1197
YIQ	133.5780, 42.8980, 92.6420

Conversions

Conversions Part 2

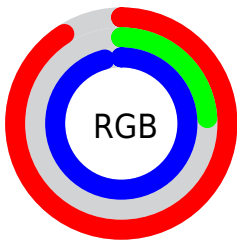
Format	Color
R _Y B	232, 62, 244
Decimal	15220468
CIE Lab	59.10, 83.48, -56.90
CIE LCh	59, 101.031, 325.721
Yxy	27.1327, 0.3081, 0.1629
Android (android.graphics.Color)	4293410548 (0xFFE83EF4)
YUV	133.5780, 54.4380, 86.3161
Hunter-Lab	52.0891, 84.7446, -63.8392

Details

The YUV color **133.5780, 54.4380, 86.3161** 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 **172.4220, -54.4380, -86.3161**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2770, 37.3314, 66.4091**, and **72.7460, 56.3272, 87.0458** is the 20% darker color. If you saturate the color by 10%, you get **118.8920, 61.6782, 97.4417**, and if you desaturate by 10%, it is **148.2640, 47.1978, 75.1905**.

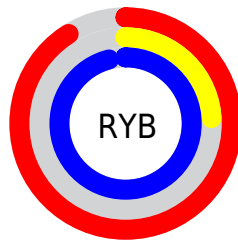
Distribution



Red (91%)

Green (24%)

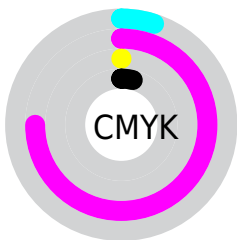
Blue (96%)



Red (91%)

Yellow (24%)

Blue (96%)

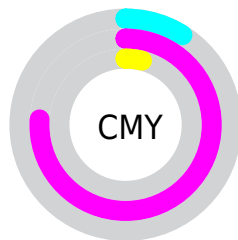


Cyan (5%)

Magenta (75%)

Yellow (0%)

Black (4%)



Cyan (9%)


Magenta (76%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.5780, 54.4380, 86.3161 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 133.5780, 54.4380, 86.3161 by changing the saturation by 10% instead.


 133.5780, 54.4380,
86.3161


 133.5780, 54.4380,
86.3161


255.0000, 0.0000,
0.0000


 91.3650, 60.9521,
97.0269


 179.2770, 37.3314,
66.4091


 72.7460, 56.3272,
87.0458

 196.8870, 28.6497,
50.9651

 60.8830, 48.3717,
72.0166


 214.4970, 19.9680,
35.5211

 48.9490, 41.4371,
56.1727

 232.1070, 11.2862,
20.0772

 37.2000, 33.9184,
41.0436

 250.3040, 2.3151,
4.1184

 26.6900, 27.2678,
27.4589

 13.9730, 21.2123,

9.6707

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 133.5780, 54.4380,
86.3161

■ 133.5780, 54.4380,
86.3161

■ 118.8920, 61.6782,
97.4417

■ 148.2640, 47.1978,
75.1905

■ 103.9180, 69.0604,
109.6969

■ 163.2380, 39.8157,
62.9353

■ 95.9880, 72.9699,
115.7745

■ 177.9240, 32.5755,
51.8097

■ 192.8980, 25.1933,
39.5545

207.5840, 17.9531,
28.4288

222.2700, 10.7129,
17.3032

237.2440, 3.3307,
5.0480

250.7560, -3.3307,
-5.0480

251.0550, -3.4781,
-4.4332

Harmonies

Analogous

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



126.0660, 63.5645, -41.2769



133.5780, 54.4380, 86.3161



94.3710, 31.8621, 140.8716

Triad

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



133.5780, 54.4380, 86.3161



134.2610, -66.1907, 43.6211



129.3380, 43.7104, -113.4294

Complementary

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



133.5780, 54.4380, 86.3161



172.4220, -54.4380, -86.3161

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.



118.2630, 3.8143, -103.7167



133.5780, 54.4380, 86.3161



122.3360, -60.3116, -22.2197

Square

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



133.5780, 54.4380, 86.3161



126.9820, -62.6021, 106.1328



102.3150, -42.0603, -89.7303



131.2080, 61.0295, -115.0694

Rectangle

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



133.5780, 54.4380, 86.3161



87.7590, 6.5278, 146.6704



102.3150, -42.0603, -89.7303



125.9180, 30.6064, -110.4301

Sweetspot

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



133.5780, 54.4380, 86.3161



220.9320, 16.7955, 26.3696



89.7920, 76.0245, -24.3736



107.1450, 10.2815, 15.6588



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.



133.5780, 54.4380, 86.3161



115.5050, 68.7710, 109.1821



128.1600, 18.1621, 101.5917



114.9560, 3.4727, 6.1776



73.2300, 55.5956, 88.3753



23.1710, 17.6637, 27.9140

Inverse Universe

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



117.7860, -21.5865, 110.6897



95.5940, -26.9148, 139.7991



177.8400, -18.1621, -101.5917



113.7020, -1.3321, 7.2773



56.9820, -22.1761, 113.1488



18.0970, -6.9498, 35.8719

Previews

White Background



This preview shows how the YUV color 133.5780, 54.4380, 86.3161 looks on a white background.

Color Contrast Check

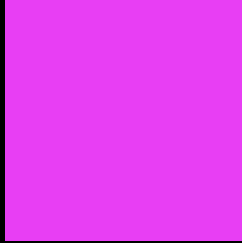
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.5780, 54.4380, 86.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

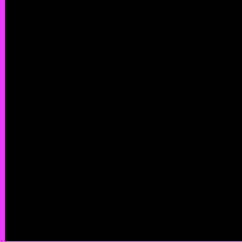
Any Text WCAG AA ✓ Pass

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 133.5780, 54.4380, 86.3161 Background



This preview shows how black text looks on a background with the YUV color 133.5780, 54.4380, 86.3161.



This preview shows how white text looks on a background with the YUV color 133.5780, 54.4380, 86.3161.

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

133.5780, 54.4380, 86.3161

Protanopia

136.0780, 58.6285, -44.7954

Deuteranopia

136.5870, 46.5456, -42.6108



Tritanopia

142.2040, -12.4256, 65.5961

Trichromacy



Original Color

133.5780, 54.4380, 86.3161



Protanomaly

135.0330, 57.1717, 2.6021



Deuteranomaly

135.6820, 49.4568, 3.7869



Tritanomaly

138.9640, 11.8497, 72.8226

Monochromacy



Original Color

133.5780, 54.4380, 86.3161



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.0620, 19.6894, 31.5176

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5780, 54.4380, 86.3161 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(232, 62, 244)` looks like.

```
.text, #text, p{  
    color:rgb(232, 62, 244)  
}
```

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(232, 62, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 62, 244) }
```

Border

The CSS property to change the border of an element to YUV 133.5780, 54.4380, 86.3161 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(232, 62, 244) }
```


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

```
.border{ border-color:rgb(232, 62, 244) }
```

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

Here you see how a box with a 4 pixel rgb(232, 62, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 62, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 62, 244);  
box-shadow:4px 4px 4px 4px rgb(232, 62,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 133.5780, 54.4380, 86.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 62, 244) }
```

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

```
.background{ background-color: rgb(232, 62,  
244) }
```

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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