

Converting Colors

YUV(137.6980, 35.6449,
94.1039)

Have a look what the booklet for
YUV(137.6980, 35.6449, 94.1039)
contains.

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Color

**YUV(137.6980, 35.6449,
94.1039)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F545D2 |
| RGB | 245, 69, 210 |
| RGB Percent | 96%, 27%, 82% |
| CMY | 0.0392, 0.7294, 0.1765 |
| CMYK | 0.00, 0.72, 0.14, 0.04 |
| HSL | 312°, 90%, 62% |
| HSV | 312°, 72%, 96% |
| XYZ | 51.4172, 28.3219, 63.7294 |
| YIQ | 137.6980, 59.6350, 81.1630 |

Conversions

Conversions Part 2

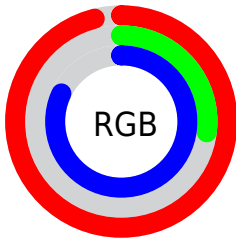
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 245, 69, 210 |
| Decimal | 16074194 |
| CIE _{Lab} | 60.18, 79.05, -35.96 |
| CIE _{LCh} | 60, 86.843, 335.542 |
| Y _{xy} | 28.3219, 0.3584, 0.1974 |
| Android (android.graphics.Color) | 4294264274 (0xFFFF545D2) |
| YUV | 137.6980, 35.6449, 94.1039 |
| Hunter-Lab | 53.2183, 79.3268, -33.7476 |

Details

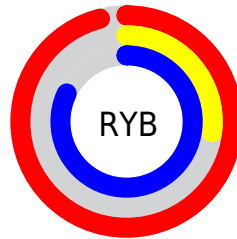
The YUV color **137.6980, 35.6449, 94.1039** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **176.3020, -35.6449, -94.1039**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7990, 35.5951, 63.3203**, and **72.9850, 40.4334, 98.2372** is the 20% darker color. If you saturate the color by 10%, you get **123.0400, 40.4063, 106.9589**, and if you desaturate by 10%, it is **152.9430, 30.5941, 80.7340**.

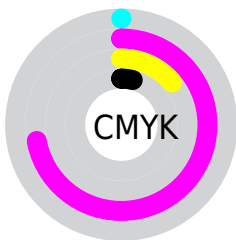
Distribution



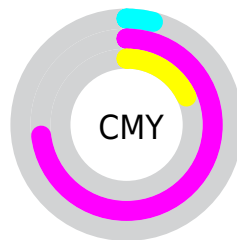
- Red (96%)
- Green (27%)
- Blue (82%)



- Red (96%)
- Yellow (27%)
- Blue (82%)



- Cyan (0%)
- Magenta (72%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (73%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.6980, 35.6449, 94.1039 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 137.6980, 35.6449, 94.1039 by changing the saturation by 10% instead.


 137.6980, 35.6449,
94.1039


 137.6980, 35.6449,
94.1039


255.0000, 0.0000,
0.0000


 100.8820, 39.9912,
100.0815


 182.7990, 35.5951,
63.3203

 72.9850, 40.4334,
98.2372


 199.8220, 27.2028,
48.3911

 61.0510, 33.4989,
82.3933


 217.4320, 18.5210,
32.9471

 49.4160, 26.4169,
67.1642

 235.0420, 9.8393,
17.5032

 38.0090, 20.2086,
51.7351

 253.2390, 0.8682,
1.5444

 27.4990, 13.5580,
38.1504

 16.0210, 8.3706,

21.9066

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 137.6980, 35.6449,
94.1039

■ 137.6980, 35.6449,
94.1039

■ 123.0400, 40.4063,
106.9589

■ 152.9430, 30.5941,
80.7340

■ 107.7950, 45.4571,
120.3288

■ 167.6010, 25.8327,
67.8789

■ 95.5990, 49.4977,
131.0247

■ 182.8460, 20.7819,
54.5091

■ 197.3900, 15.5837,
41.7540

212.6350, 10.5329,
28.3841

227.2930, 5.7716,
15.5290

242.5380, 0.7208,
2.1592

251.3260, -1.1467,
-5.5479

251.8960, 1.0373,
-6.0478

Harmonies

Analogous

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



145.2900, 54.0870, 12.0237



137.6980, 35.6449, 94.1039



111.4790, 11.1029, 125.8679

Triad

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



137.6980, 35.6449, 94.1039



135.0260, -66.5678, 24.5332



130.4610, 50.5517, -114.4143

Complementary

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



137.6980, 35.6449, 94.1039



176.3020, -35.6449, -94.1039

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.



121.9110, 17.7919, -106.9159



137.6980, 35.6449, 94.1039



120.4760, -59.3947, -36.3745

Square

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



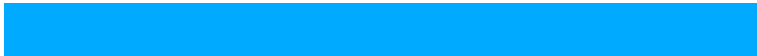
137.6980, 35.6449, 94.1039



135.0680, -66.5885, 77.9934



110.9160, -16.7206, -97.2733



128.8600, 62.1870, -113.0102

Rectangle

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



137.6980, 35.6449, 94.1039



119.3940, -16.9562, 118.9265



110.9160, -16.7206, -97.2733



128.3120, 39.7792, -112.5296

Sweetspot

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



137.6980, 35.6449, 94.1039



220.8740, 11.4011, 29.9285



98.6320, 72.1594, 2.0767



107.2440, 6.7817, 18.2030



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.



137.6980, 35.6449, 94.1039



121.4310, 44.1575, 117.1400



128.0080, -1.4829, 102.6020



114.7280, 2.5991, 6.3775



72.6000, 37.6652, 99.4518



22.9990, 11.8325, 31.5729

Inverse Universe

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



137.6980, 35.6449, 94.1039



121.4310, 44.1575, 117.1400



185.9920, 1.4829, -102.6020



114.7280, 2.5991, 6.3775



72.6000, 37.6652, 99.4518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 137.6980, 35.6449, 94.1039 looks on a white background.

Color Contrast Check

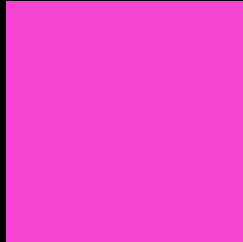
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.6980, 35.6449, 94.1039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

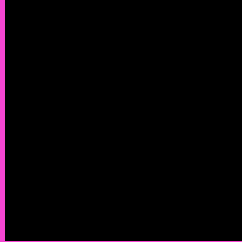
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.6980, 35.6449, 94.1039

Background



This preview shows how black text looks on a background with the YUV color 137.6980, 35.6449, 94.1039.



This preview shows how white text looks on a background with the YUV color 137.6980, 35.6449, 94.1039.

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

137.6980, 35.6449, 94.1039

Protanopia

140.2310, 56.5811, -41.4216

Deuteranopia

144.8990, 26.6718, -14.8204



Tritanopia

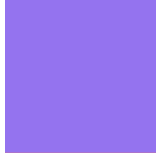
141.8640, -16.6950, 81.6803

Trichromacy



Original Color

137.6980, 35.6449, 94.1039



Protanomaly

139.0030, 49.2985, 7.8904



Deuteranomaly

142.3630, 29.8940, 25.1146



Tritanomaly

140.2340, 2.3496, 86.6178

Monochromacy



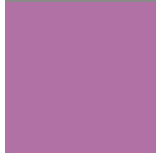
Original Color

137.6980, 35.6449, 94.1039



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

137.9500, 12.8427, 34.2469

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6980, 35.6449, 94.1039 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(245, 69, 210)` looks like.

```
.text, #text, p{  
    color:rgb(245, 69, 210)  
}
```

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(245, 69, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 69, 210) }
```

Border

The CSS property to change the border of an element to YUV 137.6980, 35.6449, 94.1039 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(245, 69, 210) }
```


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

```
.border{ border-color:rgb(245, 69, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 69, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 69, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 69, 210);  
box-shadow:4px 4px 4px 4px rgb(245, 69,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 137.6980, 35.6449, 94.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 69, 210) }
```

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

```
.background{ background-color: rgb(245, 69,  
210) }
```

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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