

Converting Colors

YUV(137.1120, 34.4548,
102.5108)

Have a look what the booklet for
YUV(137.1120, 34.4548, 102.5108)
contains.

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Color

**YUV(137.1120, 34.4548,
102.5108)**

Conversions

Conversions Part 1

Format	Color
Hex	FE40CF
RGB	254, 64, 207
RGB Percent	100%, 25%, 81%
CMY	0.0039, 0.7490, 0.1882
CMYK	0.00, 0.75, 0.19, 0.00
HSL	315°, 99%, 62%
HSV	315°, 75%, 100%
XYZ	53.9689, 29.2426, 61.8314
YIQ	137.1120, 67.3370, 84.7530

Conversions

Conversions Part 2

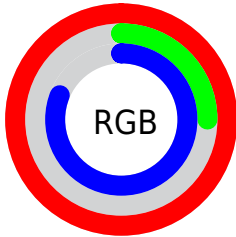
Format	Color
R _Y B	254, 64, 207
Decimal	16662735
CIE Lab	61.00, 82.16, -32.87
CIE LCh	61, 88.492, 338.195
Yxy	29.2426, 0.3721, 0.2016
Android (android.graphics.Color)	4294852815 (0xFFFE40CF)
YUV	137.1120, 34.4548, 102.5108
Hunter-Lab	54.0764, 83.5113, -29.9391

Details

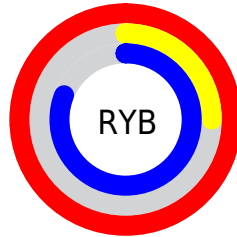
The YUV color **137.1120, 34.4548, 102.5108** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **180.8880, -34.4548, -102.5108**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0380, 36.4633, 64.8647**, and **75.0350, 37.9437, 103.4553** is the 20% darker color. If you saturate the color by 10%, you get **121.7530, 39.0688, 115.9806**, and if you desaturate by 10%, it is **152.4710, 29.8408, 89.0409**.

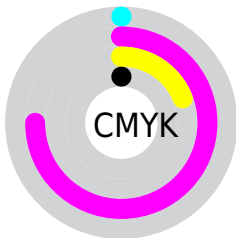
Distribution



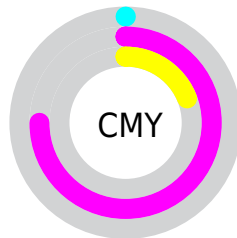
- Red (100%)
- Green (25%)
- Blue (81%)



- Red (100%)
- Yellow (25%)
- Blue (81%)



- Cyan (0%)
- Magenta (75%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (75%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.1120, 34.4548, 102.5108 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 137.1120, 34.4548, 102.5108 by changing the saturation by 10% instead.


 137.1120, 34.4548,
102.5108


 137.1120, 34.4548,
102.5108


255.0000, 0.0000,
0.0000


 94.1270, 41.8424,
113.0216


 181.0380, 36.4633,
64.8647

 75.0350, 37.9437,
103.4553


 198.6480, 27.7815,
49.4207


 63.1010, 31.0092,
87.6114


 216.2580, 19.0998,
33.9767

 51.2810, 24.5115,
71.6676

 234.4550, 10.1287,
18.0180

 39.7600, 17.8663,
56.3385

 252.0650, 1.4470,
2.5740

 29.0650, 11.8000,
42.0390

 17.5870, 6.6126,

25.7952

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 137.1120, 34.4548,
102.5108

■ 137.1120, 34.4548,
102.5108

■ 121.7530, 39.0688,
115.9806

■ 152.4710, 29.8408,
89.0409

■ 105.6930, 43.5354,
130.0652

■ 168.5310, 25.3742,
74.9563

■ 97.7200, 45.9870,
137.0576

■ 183.8900, 20.7602,
61.4865

■ 199.8360, 15.8569,
47.5018

■ 215.1950, 11.2429,
34.0320

■ 230.6680, 7.0657,
20.4622

■ 246.6140, 2.1623,
6.4775

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



147.4160, 53.0389, 21.5602



137.1120, 34.4548, 102.5108



109.7350, 9.4976, 127.3974

Triad

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



137.1120, 34.4548, 102.5108



136.1780, -67.1358, 20.0149



132.7750, 54.3409, -116.4437

Complementary

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



137.1120, 34.4548, 102.5108



180.8880, -34.4548, -102.5108

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.



124.6980, 20.8549, -109.3601



137.1120, 34.4548, 102.5108



118.9480, -58.6414, -44.6814

Square

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



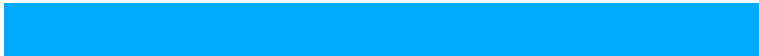
137.1120, 34.4548, 102.5108



137.7040, -67.8881, 74.8046



113.5890, -14.0944, -99.6176



129.4470, 61.8976, -113.5250

Rectangle

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



137.1120, 34.4548, 102.5108



120.4710, -20.4452, 117.9819



113.5890, -14.0944, -99.6176



130.7400, 44.0052, -114.6590

Sweetspot

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



137.1120, 34.4548, 102.5108



220.5320, 10.0907, 30.2284



98.8160, 76.5057, 8.0544



107.0160, 5.9081, 18.4030



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.



137.1120, 34.4548, 102.5108



113.4920, 41.6624, 124.1025



126.6240, -5.7306, 111.7088



119.9130, 2.0149, 7.0923



73.5250, 34.7442, 103.0256



24.6080, 11.5323, 34.5468

Inverse Universe

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



137.1120, 34.4548, 102.5108



113.4920, 41.6624, 124.1025



191.3760, 5.7306, -111.7088



119.9130, 2.0149, 7.0923



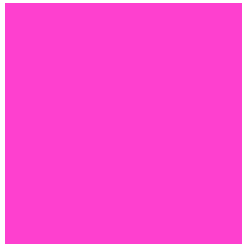
73.5250, 34.7442, 103.0256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 137.1120, 34.4548, 102.5108 looks on a white background.

Color Contrast Check

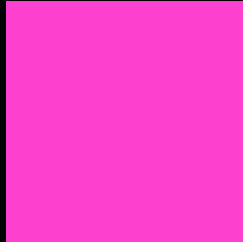
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.1120, 34.4548, 102.5108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

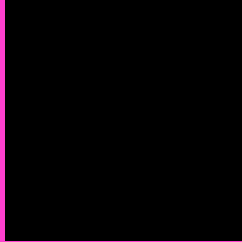
Any Text WCAG AA ✓ Pass

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 137.1120, 34.4548, 102.5108 Background



This preview shows how black text looks on a background with the YUV color 137.1120, 34.4548, 102.5108.



This preview shows how white text looks on a background with the YUV color 137.1120, 34.4548, 102.5108.

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

137.1120, 34.4548, 102.5108

Protanopia

142.6010, 55.4127, -39.9921

Deuteranopia

147.8240, 23.7508, -11.2466



Tritanopia

142.6370, -19.0480, 89.7724

Trichromacy



Original Color

137.1120, 34.4548, 102.5108



Protanomaly

140.6830, 47.9773, 11.6790



Deuteranomaly

144.1140, 27.5518, 29.7180



Tritanomaly

140.7080, 0.1440, 94.0951

Monochromacy



Original Color

137.1120, 34.4548, 102.5108



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.8580, 12.3950, 37.8355

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1120, 34.4548, 102.5108 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(254, 64, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 64, 207)  
}
```

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(254, 64, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 64, 207) }
```

Border

The CSS property to change the border of an element to YUV 137.1120, 34.4548, 102.5108 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(254, 64, 207) }
```


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

```
.border{ border-color:rgb(254, 64, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 64, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 64, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 64, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 64,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 137.1120, 34.4548, 102.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 64, 207) }
```

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

```
.background{ background-color: rgb(254, 64,  
207) }
```

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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