

Converting Colors

YUV(137.9980, 13.8050,
99.1028)

Have a look what the booklet for
YUV(137.9980, 13.8050, 99.1028)
contains.

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Color

**YUV(137.9980, 13.8050,
99.1028)**

Conversions

Conversions Part 1

Format	Color
Hex	FB4BA6
RGB	251, 75, 166
RGB Percent	98%, 29%, 65%
CMY	0.0157, 0.7059, 0.3490
CMYK	0.00, 0.70, 0.34, 0.02
HSL	329°, 96%, 64%
HSV	329°, 70%, 98%
XYZ	49.1827, 28.2946, 38.9456
YIQ	137.9980, 75.6850, 65.6130

Conversions

Conversions Part 2

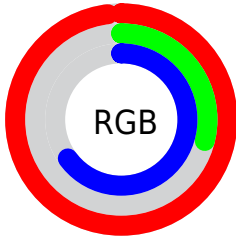
Format	Color
R _{YB}	251, 75, 166
Decimal	16468902
CIE Lab	60.15, 73.17, -10.67
CIE LCh	60, 73.940, 351.703
Yxy	28.2946, 0.4224, 0.2430
Android (android.graphics.Color)	4294658982 (0xFFFB4BA6)
YUV	137.9980, 13.8050, 99.1028
Hunter-Lab	53.1926, 71.9566, -6.1750

Details

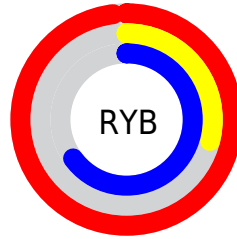
The YUV color **137.9980, 13.8050, 99.1028** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **188.0020, -13.8050, -99.1028**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2710, 19.5864, 64.6603**, and **69.8060, 21.7876, 105.4101** is the 20% darker color. If you saturate the color by 10%, you get **121.9550, 15.7982, 113.1725**, and if you desaturate by 10%, it is **154.0410, 11.8118, 85.0330**.

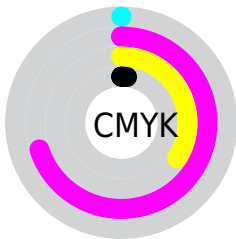
Distribution



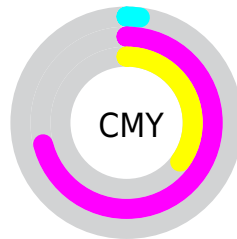
- Red (98%)
- Green (29%)
- Blue (65%)



- Red (98%)
- Yellow (29%)
- Blue (65%)



- Cyan (0%)
- Magenta (70%)
- Yellow (34%)
- Black (2%)



- Cyan (2%)
- Magenta (71%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9980, 13.8050, 99.1028 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 137.9980, 13.8050, 99.1028 by changing the saturation by 10% instead.

137.9980, 13.8050,
99.1028

137.9980, 13.8050,
99.1028

255.0000, 0.0000,
0.0000

104.6330, 17.4359,
101.1769

181.2710, 19.5864,
64.6603

69.8060, 21.7876,
105.4101

201.6000, 23.8612,
46.8318

58.1000, 15.7267,
89.3663

219.7800, 17.3635,
30.8879

46.3940, 9.6658,
73.3225

237.3900, 8.6817,
15.4440

35.2150, 4.3310,
57.6934

24.8620, -0.4250,
43.0940

12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,
0.0000

■ 137.9980, 13.8050,
99.1028

■ 137.9980, 13.8050,
99.1028

■ 121.9550, 15.7982,
113.1725

■ 154.0410, 11.8118,
85.0330

■ 105.9120, 17.7914,
127.2422

■ 170.0840, 9.8186,
70.9633

■ 89.8690, 19.7846,
141.3119

■ 186.1270, 7.8254,
56.8936

■ 202.1700, 5.8322,
42.8239

■ 218.3270, 4.2758,
28.6542

234.9570, 1.9932,
14.0697

251.0000, 0.0000,
0.0000

253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



148.2210, 38.8380, 49.7952



137.9980, 13.8050, 99.1028



133.5450, -16.0447, 106.5160

Triad

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



137.9980, 13.8050, 99.1028



130.1430, -64.1605, -1.0024



127.9480, 58.6926, -112.2104

Complementary

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



137.9980, 13.8050, 99.1028



188.0020, -13.8050, -99.1028

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.



124.0260, 33.5112, -108.7708



137.9980, 13.8050, 99.1028



111.7030, -26.9686, -76.9155

Square

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



137.9980, 13.8050, 99.1028



136.3430, -67.2171, 46.1802



115.6870, 4.0983, -101.4575



121.8160, 65.6597, -106.8326

Rectangle

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



137.9980, 13.8050, 99.1028



137.0340, -37.9778, 94.6862



115.6870, 4.0983, -101.4575



127.2980, 51.1251, -111.6403

Sweetspot

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



137.9980, 13.8050, 99.1028



220.3380, 4.2704, 30.3986



119.5820, 64.7891, 32.8156



107.3920, 2.2717, 18.0732



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.



137.9980, 13.8050, 99.1028



117.6400, 16.9395, 120.4647



128.3080, -23.3228, 107.6009



116.6850, 1.1413, 7.2923



67.6830, 14.9463, 106.3950



21.8870, 4.9857, 34.3021

Inverse Universe

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



137.9980, 13.8050, 99.1028



117.6400, 16.9395, 120.4647



197.6920, 23.3228, -107.6009



116.6850, 1.1413, 7.2923



67.6830, 14.9463, 106.3950



21.8870, 4.9857, 34.3021

Previews

White Background



This preview shows how the YUV color 137.9980, 13.8050, 99.1028 looks on a white background.

Color Contrast Check

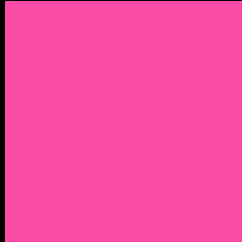
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9980, 13.8050, 99.1028 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 137.9980, 13.8050, 99.1028

Background



This preview shows how black text looks on a background with the YUV color 137.9980, 13.8050, 99.1028.



This preview shows how white text looks on a background with the YUV color 137.9980, 13.8050,

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

137.9980, 13.8050, 99.1028

Protanopia

144.7010, 33.6714, -19.9088

Deuteranopia

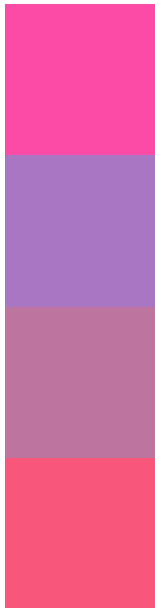
146.7110, 5.0725, 6.3925



Tritanopia

139.3170, -20.3693, 93.5610

Trichromacy



Original Color

137.9980, 13.8050, 99.1028

Protanomaly

142.1410, 26.5525, 23.5553

Deuteranomaly

143.4300, 8.1690, 39.9649

Tritanomaly

138.6560, -7.7184, 95.8947

Monochromacy



Original Color

137.9980, 13.8050, 99.1028

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8980, 4.9803, 36.0465

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9980, 13.8050, 99.1028 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(251, 75, 166)` looks like.

```
.text, #text, p{  
    color:rgb(251, 75, 166)  
}
```

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(251, 75, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 75, 166) }
```

Border

The CSS property to change the border of an element to YUV 137.9980, 13.8050, 99.1028 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(251, 75, 166) }
```


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

```
.border{ border-color:rgb(251, 75, 166) }
```

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

Here you see how a box with a 4 pixel rgb(251, 75, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 75, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 75, 166);  
box-shadow:4px 4px 4px 4px rgb(251, 75,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 137.9980, 13.8050, 99.1028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 75, 166) }
```

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

```
.background{ background-color: rgb(251, 75,  
166) }
```

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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