

Converting Colors

YUV(97.1240, 39.8719,
138.4573)

Have a look what the booklet for
YUV(97.1240, 39.8719, 138.4573)
contains.

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Color

**YUV(97.1240, 39.8719,
138.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	FF01B2
RGB	255, 1, 178
RGB Percent	100%, 0%, 70%
CMY	0.0000, 0.9961, 0.3020
CMYK	0.00, 1.00, 0.30, 0.00
HSL	318°, 100%, 50%
HSV	318°, 100%, 100%
XYZ	49.2867, 24.4961, 44.2500
YIQ	97.1240, 94.5670, 108.8950

Conversions

Conversions Part 2

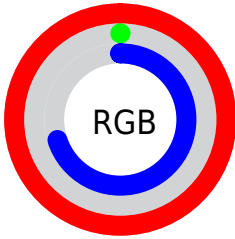
Format	Color
RYB	255, 1, 178
Decimal	16712114
CIELab	56.58, 88.85, -23.00
CIElCh	57, 91.779, 345.485
Yxy	24.4961, 0.4176, 0.2075
Android (android.graphics.Color)	4294902194 (0xFFFF01B2)
YUV	97.1240, 39.8719, 138.4573
Hunter-Lab	49.4935, 91.1407, -18.3632

Details

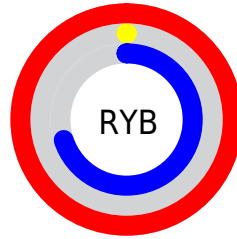
The YUV color **97.1240, 39.8719, 138.4573** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **158.8760, -39.8719, -138.4573**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7950, 35.1041, 80.8638**, and **71.9570, 26.1502, 106.1547** is the 20% darker color. If you saturate the color by 10%, you get **96.5370, 40.1613, 138.9721**, and if you desaturate by 10%, it is **112.7110, 36.1315, 124.7875**.

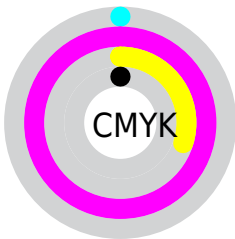
Distribution



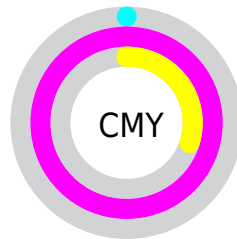
- Red (100%)
- Green (0%)
- Blue (70%)



- Red (100%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.1240, 39.8719, 138.4573 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 97.1240, 39.8719, 138.4573 by changing the saturation by 10% instead.

97.1240, 39.8719,
138.4573

97.1240, 39.8719,
138.4573

255.0000, 0.0000,
0.0000

84.1900, 32.9373,
122.6134

162.7950, 35.1041,
80.8638

71.9570, 26.1502,
106.1547

183.9730, 35.0163,
62.2907

59.8380, 19.7999,
89.5961

202.1700, 26.0452,
46.3319

48.1320, 13.7389,
73.5522

220.3670, 17.0741,
30.3731

36.5400, 8.1148,
57.4084

238.5640, 8.1029,
14.4144

25.4750, 3.2168,
41.6794

12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,
0.0000

■ 97.1240, 39.8719,
138.4573

■ 97.1240, 39.8719,
138.4573

■ 96.5370, 40.1613,
138.9721

■ 112.7110, 36.1315,
124.7875

■ 128.7710, 31.6649,
110.7028

■ 144.9450, 27.6351,
96.5182

■ 160.5320, 23.8947,
82.8484

■ 176.7060, 19.8649,
68.6638

■ 192.1790, 15.6878,
55.0940

■ 207.7660, 11.9474,
41.4242

■ 223.9400, 7.9176,
27.2396

■ 240.1140, 3.8878,
13.0550

Harmonies

Analogous

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



136.6560, 55.8786, 44.1517



97.1240, 39.8719, 138.4573



87.5310, 5.6542, 146.8703

Triad

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



97.1240, 39.8719, 138.4573



123.0880, -60.6824, 3.4308



126.5290, 60.8712, -110.9659

Complementary

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



97.1240, 39.8719, 138.4573



158.8760, -39.8719, -138.4573

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.



119.2670, 27.9694, -104.5972



97.1240, 39.8719, 138.4573



93.9200, -46.3026, -82.3678

Square

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



97.1240, 39.8719, 138.4573



127.8700, -63.0399, 59.7500



107.9300, -7.8535, -94.6546



121.2290, 65.9491, -106.3178

Rectangle

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



97.1240, 39.8719, 138.4573



111.5400, -31.8182, 125.8144



107.9300, -7.8535, -94.6546



124.6080, 50.9723, -109.2812

Sweetspot

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



97.1240, 39.8719, 138.4573



207.7660, 11.9474, 41.4242



52.6800, 99.7438, 21.3286



99.4020, 7.1968, 25.0804



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.



97.1240, 39.8719, 138.4573



96.5370, 40.1613, 138.9721



82.7600, -15.1647, 151.0545



119.9130, 2.0149, 7.0923



72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467

Inverse Universe

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



97.1240, 39.8719, 138.4573



96.5370, 40.1613, 138.9721



173.2400, 15.1647, -151.0545



119.9130, 2.0149, 7.0923



72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 97.1240, 39.8719, 138.4573 looks on a white background.

Color Contrast Check

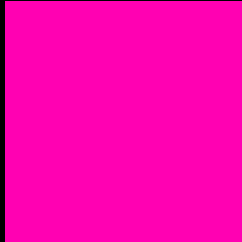
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.1240, 39.8719, 138.4573 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 97.1240, 39.8719, 138.4573

Background



This preview shows how black text looks on a background with the YUV color 97.1240, 39.8719, 138.4573.



This preview shows how white text looks on a background with the YUV color 97.1240, 39.8719,

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

97.1240, 39.8719, 138.4573

Protanopia

129.4520, 61.4022, -47.7544

Deuteranopia

138.2460, 13.6827, -1.9697



Tritanopia

123.5640, -24.9281, 109.1304

Trichromacy



Original Color

97.1240, 39.8719, 138.4573



Protanomaly

117.5190, 53.4811, 19.7158



Deuteranomaly

123.3830, 22.9822, 48.7761



Tritanomaly

114.1180, -1.5372, 120.0455

Monochromacy



Original Color

97.1240, 39.8719, 138.4573



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

96.8040, 14.3936, 50.1609

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.1240, 39.8719, 138.4573 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(255, 1, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 1, 178)  
}
```

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(255, 1, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 1, 178) }
```

Border

The CSS property to change the border of an element to YUV 97.1240, 39.8719, 138.4573 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(255, 1, 178) }
```


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

```
.border{ border-color:rgb(255, 1, 178) }
```

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

Here you see how a box with a 4 pixel rgb(255, 1, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 1, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 1, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 1,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 97.1240, 39.8719, 138.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 1, 178) }
```

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

```
.background{ background-color: rgb(255, 1,  
178) }
```

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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