

Converting Colors

YUV(201.3940, 2.7638, 47.0125)

Have a look what the booklet for
YUV(201.3940, 2.7638, 47.0125)
contains.

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Color

**YUV(201.3940, 2.7638,
47.0125)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADCF
RGB	255, 173, 207
RGB Percent	100%, 68%, 81%
CMY	0.0000, 0.3216, 0.1882
CMYK	0.00, 0.32, 0.19, 0.00
HSL	335°, 100%, 84%
HSV	335°, 32%, 100%
XYZ	67.4461, 55.6521, 66.2186
YIQ	201.3940, 37.9580, 27.9580

Conversions

Conversions Part 2

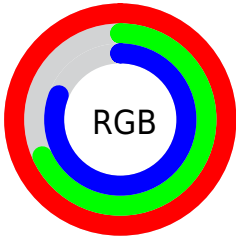
Format	Color
R _Y B	255, 173, 207
Decimal	16756175
CIE Lab	79.42, 34.70, -4.94
CIE LCh	79, 35.050, 351.900
Yxy	55.6521, 0.3563, 0.2940
Android (android.graphics.Color)	4294946255 (0xFFFFADCF)
YUV	201.3940, 2.7638, 47.0125
Hunter-Lab	74.6004, 30.8309, -0.4082

Details

The YUV color **201.3940, 2.7638, 47.0125** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **226.6060, -2.7638, -47.0125**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7380, 7.5242, 13.3848**, and **146.7850, 3.0640, 44.0386** is the 20% darker color. If you saturate the color by 10%, you get **184.4220, 3.7360, 61.8969**, and if you desaturate by 10%, it is **218.3660, 1.7916, 32.1280**.

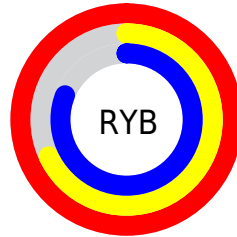
Distribution



Red (100%)

Green (68%)

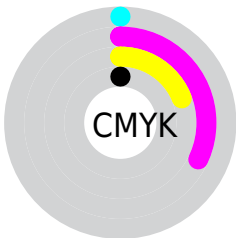
Blue (81%)



Red (100%)

Yellow (68%)

Blue (81%)

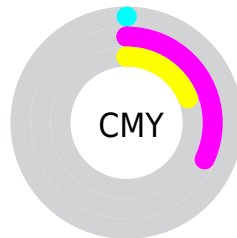


Cyan (0%)

Magenta (32%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 201.3940, 2.7638, 47.0125 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 201.3940, 2.7638, 47.0125 by changing the saturation by 10% instead.

 201.3940, 2.7638,
47.0125


 201.3940, 2.7638,
47.0125

255.0000, 0.0000,
0.0000


 173.6820, 2.6218,
45.8829

 239.7380, 7.5242,
13.3848

 146.7850, 3.0640,
44.0386

 120.1870, 3.3588,
42.8090

 94.2900, 3.8010,
40.9647

 69.1050, 4.3852,
40.2499

 44.0340, 5.4062,
39.4352

 22.7130, 5.5645,

35.3317

■ 14.1110, -1.5337,
25.3357

■ 0.0000, 0.0000,
0.0000

■ 201.3940, 2.7638,
47.0125

■ 201.3940, 2.7638,
47.0125

■ 184.4220, 3.7360,
61.8969

■ 218.3660, 1.7916,
32.1280

■ 168.0370, 4.4188,
76.2666

■ 234.7510, 1.1088,
17.7584

■ 151.6520, 5.1016,
90.6362

■ 251.7230, 0.1366,
2.8739

■ 134.6800, 6.0738,
105.5206

■ 255.0000, 0.0000,
0.0000

■ 118.2950, 6.7566,
119.8903

■ 101.3230, 7.7288,
134.7747

■ 88.3290, 8.7118,
146.1705

Harmonies

Analogous

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



201.4480, 17.5271, 25.0401



201.3940, 2.7638, 47.0125



197.6320, -11.6506, 50.3117

Triad

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



201.3940, 2.7638, 47.0125



192.2690, -28.2336, 2.3951



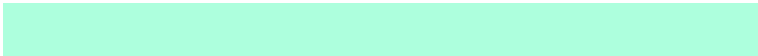
181.3170, 32.3817, -73.0690

Complementary

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



201.3940, 2.7638, 47.0125



226.6060, -2.7638, -47.0125

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.



177.6080, 20.8993, -76.8322



201.3940, 2.7638, 47.0125



187.8830, -16.2113, -27.0844

Square

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



201.3940, 2.7638, 47.0125



195.9240, -31.5145, 28.1307



182.4030, 1.7733, -55.6044



190.0910, 32.0001, -43.9298

Rectangle

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



201.3940, 2.7638, 47.0125



198.4010, -21.3967, 49.6373



182.4030, 1.7733, -55.6044



178.6000, 29.7772, -77.7022

Sweetspot

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



201.3940, 2.7638, 47.0125



238.6150, 0.6828, 14.3696



196.7000, 28.7419, 21.3111



117.5820, 0.6991, 9.1366



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.



201.3940, 2.7638, 47.0125



190.2750, 3.3154, 56.7638



201.6270, -14.1131, 46.8081



119.4570, 0.2677, 7.4922



66.1150, 6.3523, 109.5241



22.1000, 1.9227, 36.7463

Inverse Universe

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



201.3940, 2.7638, 47.0125



190.2750, 3.3154, 56.7638



226.3730, 14.1131, -46.8081



119.4570, 0.2677, 7.4922



66.1150, 6.3523, 109.5241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 201.3940, 2.7638, 47.0125 looks on a white background.

Color Contrast Check

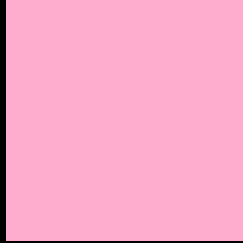
Large Text (above 18pt) WCAG AA × Fail

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 201.3940, 2.7638, 47.0125 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 ✓ Pass

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

YUV 201.3940, 2.7638, 47.0125

Background



This preview shows how black text looks on a background with the YUV color 201.3940, 2.7638, 47.0125.



This preview shows how white text looks on a background with the YUV color 201.3940, 2.7638,

47.0125.

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

201.3940, 2.7638, 47.0125

Protanopia

198.2520, 11.2148, -3.7290

Deuteranopia

199.0600, 2.4354, 12.2254



Tritanopia

200.5050, -5.6720, 46.0381

Trichromacy



Original Color

201.3940, 2.7638, 47.0125



Protanomaly

199.5640, 8.1029, 14.4144



Deuteranomaly

199.5500, 2.6868, 24.9506



Tritanomaly

201.0150, -2.4724, 46.4678

Monochromacy



Original Color

201.3940, 2.7638, 47.0125



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

201.3380, 0.8194, 17.2436

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.3940, 2.7638, 47.0125 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, 173, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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(255, 173, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 207) }
```

Border

The CSS property to change the border of an element to YUV 201.3940, 2.7638, 47.0125 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, 173, 207) }
```


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

```
.border{ border-color:rgb(255, 173, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 201.3940, 2.7638, 47.0125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 207) }
```

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

```
.background{ background-color: rgb(255,  
173, 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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