

# Converting Colors

YUV(209.8180, 19.8097,  
39.6246)

Have a look what the booklet for  
YUV(209.8180, 19.8097, 39.6246)  
contains.

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# Color

**YUV(209.8180, 19.8097,  
39.6246)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB3FA
RGB	255, 179, 250
RGB Percent	100%, 70%, 98%
CMY	0.0000, 0.2980, 0.0196
CMYK	0.00, 0.30, 0.02, 0.00
HSL	304°, 100%, 85%
HSV	304°, 30%, 100%
XYZ	74.6154, 60.4023, 98.1686
YIQ	209.8180, 22.5050, 38.1930

# Conversions

## Conversions Part 2

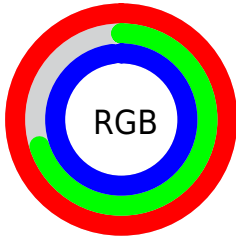
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 179, 250
Decimal	16757754
CIE Lab	82.06, 38.59, -24.15
CIE LCh	82, 45.523, 327.962
Yxy	60.4023, 0.3200, 0.2590
Android (android.graphics.Color)	4294947834 (0xFFFFB3FA)
YUV	209.8180, 19.8097, 39.6246
Hunter-Lab	77.7189, 35.3639, -20.4874

# Details

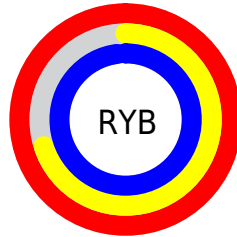
The YUV color  $209.8180, 19.8097, 39.6246$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $224.1820, -19.8097, -39.6246$ , and the grayscale version is  $210.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.8470, 5.4984, 9.7812$ , and  $154.2800, 19.0890, 37.4654$  is the 20% darker color. If you saturate the color by 10%, you get  $194.3280, 26.4603, 53.2093$ , and if you desaturate by 10%, it is  $224.7210, 13.4485, 26.5547$ .

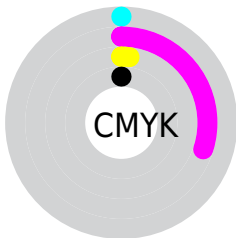
# Distribution



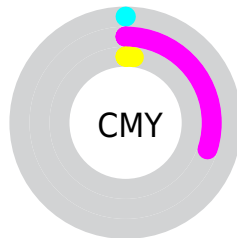
- Red (100%)
- Green (70%)
- Blue (98%)



- Red (100%)
- Yellow (70%)
- Blue (98%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 209.8180, 19.8097, 39.6246 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 209.8180, 19.8097, 39.6246 by changing the saturation by 10% instead.





 209.8180, 19.8097,  
39.6246


 209.8180, 19.8097,  
39.6246


255.0000, 0.0000,  
0.0000


 181.9920, 19.2309,  
38.5950


 243.8470, 5.4984,  
9.7812

 154.2800, 19.0890,  
37.4654

 127.5680, 18.9470,  
36.3359

 101.8560, 18.8050,  
35.2063

 76.4430, 18.5156,  
34.6915

 51.1440, 18.6630,  
34.0767

 26.9590, 19.2472,

33.3620

■ 17.7590, 12.4438,  
22.1364

■ 2.5080, 9.6096,  
-2.1995

■ 209.8180, 19.8097,  
39.6246

■ 209.8180, 19.8097,  
39.6246

■ 194.3280, 26.4603,  
53.2093

■ 224.7210, 13.4485,  
26.5547

■ 179.5390, 33.2583,  
66.1793

■ 240.0970, 6.3612,  
13.0699

■ 164.0490, 39.9088,  
79.7640

255.0000, 0.0000,  
0.0000

■ 149.1460, 46.2700,  
92.8340

■ 133.7700, 53.3574,  
106.3187

■ 118.8670, 59.7186,  
119.3886

■ 103.3770, 66.3691,  
132.9734

# Harmonies

## Analogous

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



203.9440, 25.1706, 0.0491



209.8180, 19.8097, 39.6246



200.4480, 4.2161, 47.8421

# Triad

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



209.8180, 19.8097, 39.6246



201.4050, -41.1187, 28.5858



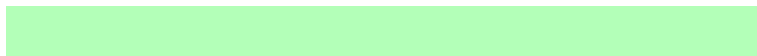
160.3640, 40.7395, -140.6392

# Complementary

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



209.8180, 19.8097, 39.6246



224.1820, -19.8097, -39.6246

# 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.



178.4850, 10.6069, -89.0023



209.8180, 19.8097, 39.6246



197.2050, -34.6111, -5.4418

# Square

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



209.8180, 19.8097, 39.6246



200.5890, -33.3214, 47.7184



190.0720, -16.3045, -43.9131



170.7680, 41.5264, -112.9295



# Rectangle

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



209.8180, 19.8097, 39.6246



197.1420, -8.4510, 50.7415



190.0720, -16.3045, -43.9131



159.3550, 34.3350, -139.7543

# Sweetspot

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



209.8180, 19.8097, 39.6246



241.2710, 5.7824, 12.0403



188.8600, 32.6070, -5.1392



119.0810, 3.9041, 7.8220



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.



209.8180, 19.8097, 39.6246



200.3120, 24.0032, 47.9614



205.6000, 3.6482, 43.3238



120.2550, 3.3253, 6.7924



77.5150, 50.0321, 99.5263



25.9760, 16.7738, 33.3470



# Inverse Universe

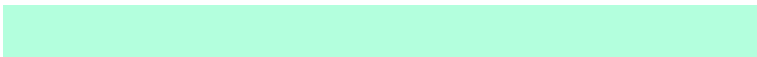
The Inverse Universe completely reimagines the original color for something new.



209.8180, 19.8097, 39.6246



200.3120, 24.0032, 47.9614



228.4000, -3.6482, -43.3238



120.2550, 3.3253, 6.7924



77.5150, 50.0321, 99.5263



25.9760, 16.7738, 33.3470



# Previews

## White Background



This preview shows how the YUV color 209.8180, 19.8097, 39.6246 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

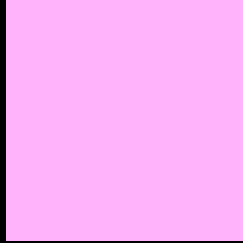
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 209.8180, 19.8097, 39.6246 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

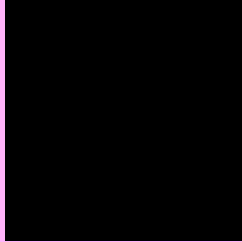
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 209.8180, 19.8097, 39.6246

## Background



This preview shows how black text looks on a background with the YUV color 209.8180, 19.8097, 39.6246.



This preview shows how white text looks on a background with the YUV color 209.8180, 19.8097,

39.6246.

# 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

209.8180, 19.8097, 39.6246

### Protanopia

205.3400, 24.4824, -12.5762

### Deuteranopia

206.4400, 19.5031, -2.1399



## Tritanopia

207.9490, -2.4399, 36.0017

# Trichromacy



## Original Color

209.8180, 19.8097, 39.6246



## Protanomaly

206.7060, 22.8229, 6.3968



## Deuteranomaly

207.5390, 19.4543, 13.5593



## Tritanomaly

208.7240, 5.5591, 37.0761

# Monochromacy



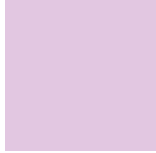
## Original Color

209.8180, 19.8097, 39.6246



## Achromatopsia

210.0000, 0.0000, 0.0000



## Achromatomaly

210.0370, 7.3768, 13.9996

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 209.8180, 19.8097, 39.6246 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, 179, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 250)  
}
```

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, 179, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 250) }
```

## Border

The CSS property to change the border of an element to YUV 209.8180, 19.8097, 39.6246 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, 179, 250) }
```



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

```
.border{ border-color:rgb(255, 179, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 209.8180, 19.8097, 39.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 250) }
```

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

```
.background{ background-color: rgb(255,  
179, 250) }
```

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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