

# Converting Colors

YUV(234.9060, 9.4133, 14.1144)

Have a look what the booklet for  
YUV(234.9060, 9.4133, 14.1144)  
contains.

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# Color

**YUV(234.9060, 9.4133,  
14.1144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBDFFE
RGB	251, 223, 254
RGB Percent	98%, 87%, 100%
CMY	0.0157, 0.1255, 0.0039
CMYK	0.01, 0.12, 0.00, 0.00
HSL	294°, 94%, 94%
HSV	294°, 12%, 100%
XYZ	84.0607, 80.4403, 104.8620
YIQ	234.9060, 6.7370, 15.5770

# Conversions

## Conversions Part 2

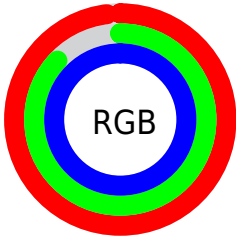
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 223, 254
Decimal	16506878
CIE <sub>Lab</sub>	91.88, 14.93, -11.50
CIE <sub>LCh</sub>	92, 18.850, 322.391
Yxy	80.4403, 0.3121, 0.2986
Android (android.graphics.Color)	4294696958 (0xFFFBDFFE)
YUV	234.9060, 9.4133, 14.1144
Hunter-Lab	89.6885, 10.3445, -6.5387

# Details

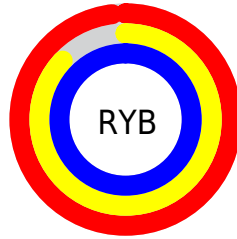
The YUV color  $234.9060, 9.4133, 14.1144$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $242.0940, -9.4133, -14.1144$ , and the grayscale version is  $235.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $179.0800, 8.8346, 13.0848$  is the 20% darker color. If you saturate the color by 10%, you get  $219.6330, 16.9429, 25.7549$ , and if you desaturate by 10%, it is  $250.1790, 1.8838, 2.4740$ .

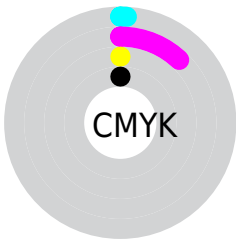
# Distribution



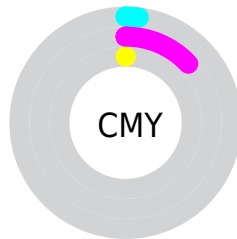
- Red (98%)
- Green (87%)
- Blue (100%)



- Red (98%)
- Yellow (87%)
- Blue (100%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (13%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 234.9060, 9.4133, 14.1144 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 234.9060, 9.4133, 14.1144 by changing the saturation by 10% instead.



 234.9060, 9.4133,  
14.1144

 234.9060, 9.4133,  
14.1144

255.0000, 0.0000,  
0.0000

 206.4930, 9.1240,  
13.5996

 179.0800, 8.8346,  
13.0848

 152.0800, 8.8346,  
13.0848

 126.6670, 8.5452,  
12.5700

 101.2540, 8.2558,  
12.0552

 76.8410, 7.9664,  
11.5404

 54.1290, 7.8244,

10.4109

■ 32.6020, 7.0982,  
9.9960

■ 10.5530, 8.1084,  
12.6700

■ 234.9060, 9.4133,  
14.1144

■ 234.9060, 9.4133,  
14.1144

■ 219.6330, 16.9429,  
25.7549

■ 250.1790, 1.8838,  
2.4740

■ 203.4740, 24.9093,  
37.2953

254.8860, -0.4368,  
0.1000

■ 188.2010, 32.4389,  
48.9357

■ 172.0420, 40.4053,  
60.4762

■ 156.7690, 47.9349,  
72.1166

■ 141.1970, 55.6119,  
83.1422

■ 125.3370, 63.4309,  
95.2975

■ 109.7650, 71.1079,  
106.3231

■ 97.4270, 77.1905,  
115.3895

# Harmonies

## Analogous

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



231.9640, 11.3567, -2.5994



234.9060, 9.4133, 14.1144



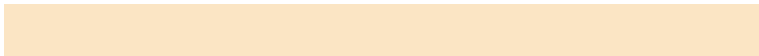
232.4030, 2.2663, 19.8176

# Triad

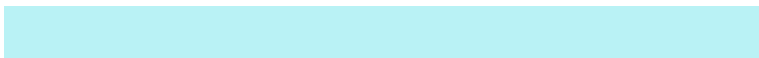
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.9060, 9.4133, 14.1144



231.8160, -17.6573, 16.8244



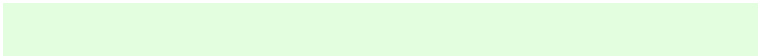
225.2990, 9.7126, -35.3422

# Complementary

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



234.9060, 9.4133, 14.1144



242.0940, -9.4133, -14.1144

# 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.



225.5250, 0.2342, -28.5244



234.9060, 9.4133, 14.1144



229.5860, -15.5719, 1.2401

# Square

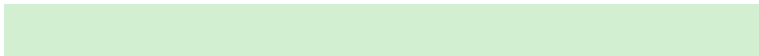
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



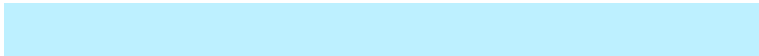
234.9060, 9.4133, 14.1144



230.4020, -13.0162, 21.5724



227.2080, -8.9765, -14.2144



226.4610, 14.0697, -32.8533



# Rectangle

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



234.9060, 9.4133, 14.1144



230.4480, -2.6859, 21.5321



227.2080, -8.9765, -14.2144



224.9140, 6.9444, -34.1276

# Sweetspot

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



234.9060, 9.4133, 14.1144



248.8310, 3.0413, 4.5332



228.2950, 12.6726, -4.6437



123.5920, 2.1731, 2.9888



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.



234.9060, 9.4133, 14.1144



231.4980, 11.5865, 17.1033



234.4350, 3.7295, 17.1585



119.7710, 4.0569, 5.4628



73.5010, 57.9270, 87.2606



24.6380, 19.4055, 29.2585



# Inverse Universe

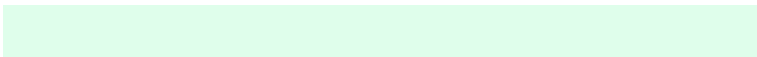
The Inverse Universe completely reimagines the original color for something new.



232.6110, -3.2592, 18.7582



228.7040, -4.2911, 23.0616



242.5650, -3.7295, -17.1585



119.0010, -1.4795, 7.8921



59.2750, -19.8556, 115.5228

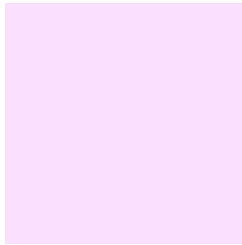


19.8200, -6.8133, 38.7459



# Previews

## White Background



This preview shows how the YUV color 234.9060, 9.4133, 14.1144 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

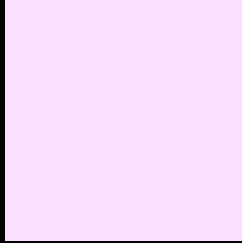
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 234.9060, 9.4133, 14.1144 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

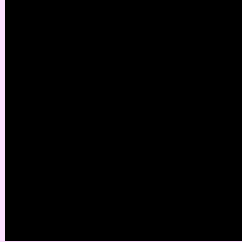
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 234.9060, 9.4133, 14.1144

## Background



This preview shows how black text looks on a background with the YUV color 234.9060, 9.4133, 14.1144.



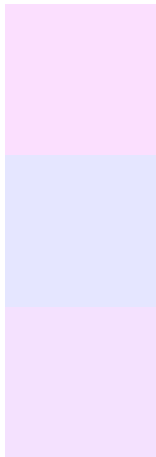
This preview shows how white text looks on a background with the YUV color 234.9060, 9.4133,



# 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

234.9060, 9.4133, 14.1144

### Protanopia

232.5510, 11.0674, -3.1142

### Deuteranopia

233.9870, 9.8664, 8.7814



## Tritanopia

234.2280, 4.3246, 12.9550

# Trichromacy



## Original Color

234.9060, 9.4133, 14.1144

## Protanomaly

233.1820, 10.7563, 3.3484

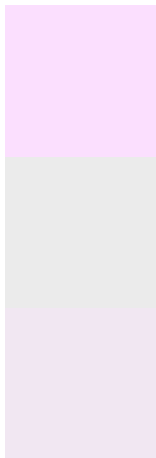
## Deuteranomaly

234.2970, 9.7136, 11.1405

## Tritanomaly

234.3960, 6.2138, 13.6847

# Monochromacy



## Original Color

234.9060, 9.4133, 14.1144

## Achromatopsia

235.0000, 0.0000, 0.0000

## Achromatomaly

235.2440, 3.3307, 5.0480

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 234.9060, 9.4133, 14.1144 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, 223, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 223, 254)  
}
```

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, 223, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 254) }
```

## Border

The CSS property to change the border of an element to YUV 234.9060, 9.4133, 14.1144 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, 223, 254) }
```



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

```
.border{ border-color:rgb(251, 223, 254) }
```

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

Here you see how a box with a 4 pixel rgb(251, 223, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 234.9060, 9.4133, 14.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 254) }
```

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

```
.background{ background-color: rgb(251,  
223, 254) }
```

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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