

# Converting Colors

YUV(234.0310, 9.8447, 15.7588)

Have a look what the booklet for  
YUV(234.0310, 9.8447, 15.7588)  
contains.

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# Color

**YUV(234.0310, 9.8447,  
15.7588)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCDDFE
RGB	252, 221, 254
RGB Percent	99%, 87%, 100%
CMY	0.0118, 0.1333, 0.0039
CMYK	0.01, 0.13, 0.00, 0.00
HSL	296°, 94%, 93%
HSV	296°, 13%, 100%
XYZ	83.8907, 79.5641, 104.7018
YIQ	234.0310, 7.8830, 16.8350

# Conversions

## Conversions Part 2

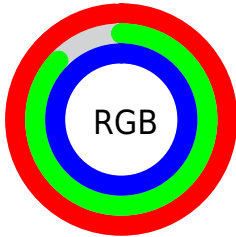
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	252, 221, 254
Decimal	16571902
CIE Lab	91.49, 16.30, -12.08
CIE LCh	91, 20.291, 323.462
Yxy	79.5641, 0.3128, 0.2967
Android (android.graphics.Color)	4294761982 (0xFFFCDDFE)
YUV	234.0310, 9.8447, 15.7588
Hunter-Lab	89.1987, 11.7802, -7.1557

# Details

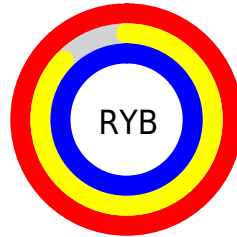
The YUV color  $234.0310, 9.8447, 15.7588$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $240.9690, -9.8447, -15.7588$ , and the grayscale version is  $234.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $178.2050, 9.2659, 14.7292$  is the 20% darker color. If you saturate the color by 10%, you get  $218.7580, 17.3743, 27.3992$ , and if you desaturate by 10%, it is  $249.3040, 2.3151, 4.1184$ .

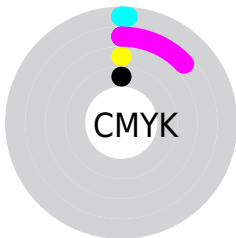
# Distribution



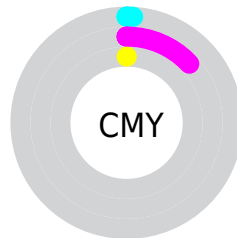
- Red (99%)
- Green (87%)
- Blue (100%)



- Red (99%)
- Yellow (87%)
- Blue (100%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (13%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 234.0310, 9.8447, 15.7588 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 234.0310, 9.8447, 15.7588 by changing the saturation by 10% instead.




 234.0310, 9.8447,  
15.7588


 234.0310, 9.8447,  
15.7588

255.0000, 0.0000,  
0.0000


 205.6180, 9.5553,  
15.2440

 178.2050, 9.2659,  
14.7292

 151.2050, 9.2659,  
14.7292

 125.4930, 9.1240,  
13.5996

 100.3790, 8.6872,  
13.6996

 76.5530, 8.1084,  
12.6700

 53.2540, 8.2558,

12.0552

■ 31.4280, 7.6770,  
11.0256

■ 10.8520, 7.9610,  
13.2848

■ 234.0310, 9.8447,  
15.7588

■ 234.0310, 9.8447,  
15.7588

■ 218.7580, 17.3743,  
27.3992

■ 249.3040, 2.3151,  
4.1184

■ 203.1970, 25.0459,  
40.1692

254.8860, -0.4368,  
0.1000

■ 187.9240, 32.5755,  
51.8097

■ 172.3630, 40.2470,  
64.5796

■ 157.0900, 47.7766,  
76.2201

■ 142.1160, 55.1588,  
88.4753

■ 126.2560, 62.9778,  
100.6305

■ 111.2820, 70.3600,  
112.8857

■ 100.4170, 75.7164,  
121.5373

# Harmonies

## Analogous

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



230.7900, 11.9355, -1.5698



234.0310, 9.8447, 15.7588



230.5280, 2.6977, 21.4619

# Triad

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



234.0310, 9.8447, 15.7588



230.4740, -18.9677, 17.1243



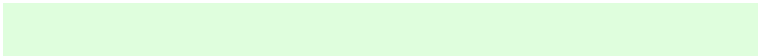
223.5050, 10.5970, -39.0309

# Complementary

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



234.0310, 9.8447, 15.7588



240.9690, -9.8447, -15.7588

# 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.



223.9160, 0.5344, -31.4983



234.0310, 9.8447, 15.7588



228.0590, -16.2981, 0.8253

# Square

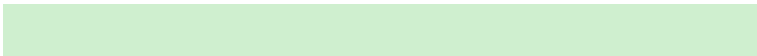
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.0310, 9.8447, 15.7588



229.3590, -14.4740, 22.4872



225.7840, -9.2605, -16.4736



224.6780, 14.9487, -34.7976



# Rectangle

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



234.0310, 9.8447, 15.7588



228.9320, -3.4175, 22.8616



225.7840, -9.2605, -16.4736



223.4190, 7.6814, -37.2015

# Sweetspot

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



234.0310, 9.8447, 15.7588



248.8310, 3.0413, 4.5332



225.9360, 13.8356, -4.3289



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.



234.0310, 9.8447, 15.7588



230.3350, 12.1598, 19.8772



233.0330, 3.4347, 18.3881



120.0700, 3.9095, 6.0776



75.5940, 56.8952, 91.5641



25.2360, 19.1107, 30.4880



# Inverse Universe

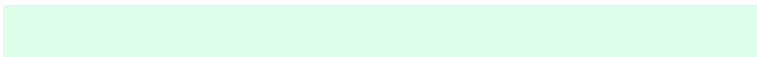
The Inverse Universe completely reimagines the original color for something new.



231.0950, -3.9908, 20.0877



226.6010, -4.7333, 24.9059



241.9670, -3.4347, -18.3881



119.0010, -1.4795, 7.8921



58.4770, -22.9132, 116.2227



19.5920, -7.6869, 38.9458



# Previews

## White Background



This preview shows how the YUV color 234.0310, 9.8447, 15.7588 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

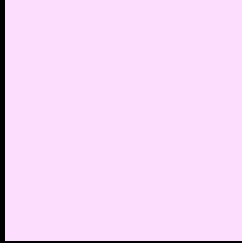
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 234.0310, 9.8447, 15.7588 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

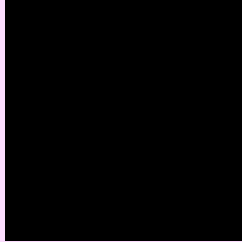
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 234.0310, 9.8447, 15.7588

## Background



This preview shows how black text looks on a background with the YUV color 234.0310, 9.8447, 15.7588.



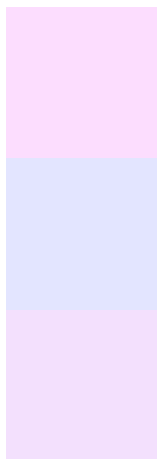
This preview shows how white text looks on a background with the YUV color 234.0310, 9.8447,

15.7588.

# 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

234.0310, 9.8447, 15.7588

### Protanopia

231.3660, 11.6516, -3.8290

### Deuteranopia

232.9870, 9.8664, 8.7814



## Tritanopia

233.1250, 3.8824, 14.7994

# Trichromacy



## Original Color

234.0310, 9.8447, 15.7588

## Protanomaly

232.2960, 11.1931, 3.2484

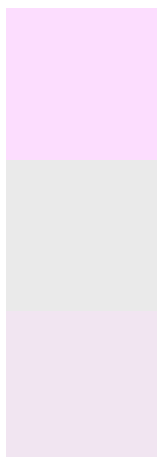
## Deuteranomaly

233.2970, 9.7136, 11.1405

## Tritanomaly

233.4070, 6.2083, 15.4291

# Monochromacy



## Original Color

234.0310, 9.8447, 15.7588

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

233.9560, 3.4727, 6.1776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 234.0310, 9.8447, 15.7588 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(252, 221, 254)` looks like.

```
.text, #text, p{  
    color:rgb(252, 221, 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(252, 221, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 221, 254) }
```

## Border

The CSS property to change the border of an element to YUV 234.0310, 9.8447, 15.7588 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(252, 221, 254) }
```



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

```
.border{ border-color:rgb(252, 221, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 221, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 221, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 221, 254);  
box-shadow:4px 4px 4px 4px rgb(252, 221,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 234.0310, 9.8447, 15.7588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 221, 254) }
```

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

```
.background{ background-color: rgb(252,  
221, 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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