

# Converting Colors

YUV(239.4170, 7.6824, 9.2813)

Have a look what the booklet for  
YUV(239.4170, 7.6824, 9.2813)  
contains.

<b>YUV(239.4170, 7.6824, 9.2813)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(239.4170, 7.6824,  
9.2813)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAE7FF
RGB	250, 231, 255
RGB Percent	98%, 91%, 100%
CMY	0.0196, 0.0941, 0.0000
CMYK	0.02, 0.09, 0.00, 0.00
HSL	287°, 100%, 95%
HSV	287°, 9%, 100%
XYZ	86.0503, 84.6958, 106.4203
YIQ	239.4170, 3.6200, 11.4920

# Conversions

## Conversions Part 2

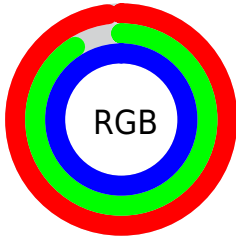
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 231, 255
Decimal	16443391
CIE Lab	93.75, 10.63, -9.25
CIE LCh	94, 14.093, 318.961
Yxy	84.6958, 0.3105, 0.3056
Android (android.graphics.Color)	4294633471 (0xFFFAE7FF)
YUV	239.4170, 7.6824, 9.2813
Hunter-Lab	92.0303, 5.8481, -4.1394

# Details

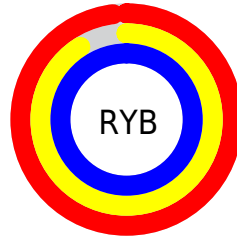
The YUV color **239.4170, 7.6824, 9.2813** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **246.5830, -7.6824, -9.2813**, and the grayscale version is **239.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **183.0040, 7.3930, 8.7665** is the 20% darker color. If you saturate the color by 10%, you get **223.2470, 15.6542, 19.0774**, and if you desaturate by 10%, it is **255.0000, 0.0000, 0.0000**.

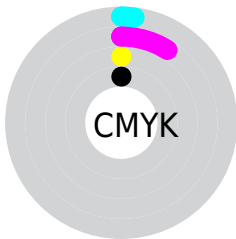
# Distribution



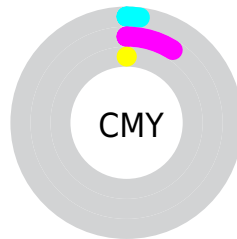
- Red (98%)
- Green (91%)
- Blue (100%)



- Red (98%)
- Yellow (91%)
- Blue (100%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 239.4170, 7.6824, 9.2813 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 239.4170, 7.6824, 9.2813 by changing the saturation by 10% instead.




 239.4170, 7.6824,  
9.2813

 239.4170, 7.6824,  
9.2813


255.0000, 0.0000,  
0.0000


 211.0040, 7.3930,  
8.7665

 183.0040, 7.3930,  
8.7665

 156.5910, 7.1036,  
8.2517

 130.4770, 6.6668,  
8.3517

 105.1780, 6.8142,  
7.7369

 81.0640, 6.3774,  
7.8369

 58.2380, 5.7987,

6.8073

■ 36.2380, 5.7987,  
6.8073

■ 13.7760, 6.5194,  
8.9664

■ 239.4170, 7.6824,  
9.2813

■ 239.4170, 7.6824,  
9.2813

■ 223.2470, 15.6542,  
19.0774

255.0000, 0.0000,  
0.0000

■ 206.1910, 24.0628,  
28.7735

■ 190.0210, 32.0346,  
38.5696

■ 173.2640, 40.2958,  
48.8805

■ 156.7950, 48.4151,  
58.0618

■ 140.0380, 56.6763,  
68.3727

■ 123.8680, 64.6481,  
78.1688

■ 106.8120, 73.0567,  
87.8649

■ 90.6420, 81.0285,  
97.6610

# Harmonies

## Analogous

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



236.9810, 8.8834, -2.6143



239.4170, 7.6824, 9.2813



237.7830, 2.5720, 15.0993

# Triad

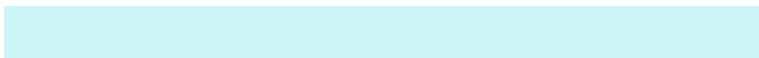
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.4170, 7.6824, 9.2813



237.0590, -12.8471, 13.9803



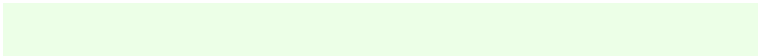
232.4420, 6.1911, -25.8206

# Complementary

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



239.4170, 7.6824, 9.2813



246.5830, -7.6824, -9.2813

# 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.



232.9390, -0.9559, -20.1175



239.4170, 7.6824, 9.2813



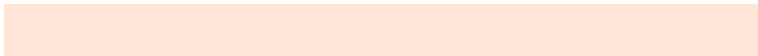
235.8080, -12.2303, 2.7994

# Square

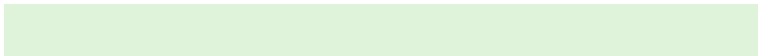
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.4170, 7.6824, 9.2813



235.9930, -9.3635, 16.6691



234.2840, -7.5350, -9.8961



233.3050, 10.6956, -23.9465



# Rectangle

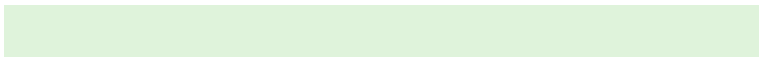
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.4170, 7.6824, 9.2813



236.6430, -1.7960, 16.0991



234.2840, -7.5350, -9.8961



232.5840, 4.1491, -24.1912

# Sweetspot

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



239.4170, 7.6824, 9.2813



249.7060, 2.6099, 2.8888



236.6710, 9.0362, -4.9735



123.8800, 2.0312, 1.8592



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.



239.4170, 7.6824, 9.2813



236.7700, 8.9874, 10.7257



240.1140, 3.8878, 13.0550



119.4720, 4.2043, 4.8481



66.9230, 61.1700, 73.7355



22.2460, 20.5847, 24.3403



# Inverse Universe

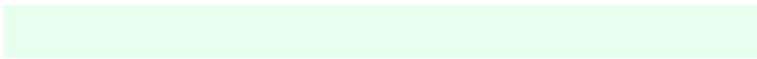
The Inverse Universe completely reimagines the original color for something new.



238.7460, -1.3538, 14.2548



236.0560, -1.5066, 16.6139



245.8860, -3.8878, -13.0550



119.1150, -1.0427, 7.7921



61.6690, -10.6828, 113.4233

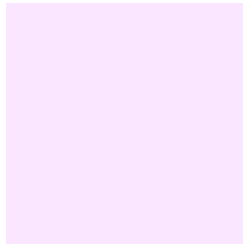


20.6180, -3.7557, 38.0460



# Previews

## White Background



This preview shows how the YUV color 239.4170, 7.6824, 9.2813 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

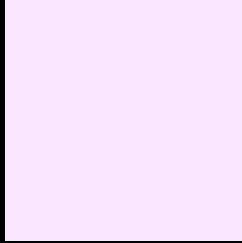
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 239.4170, 7.6824, 9.2813 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

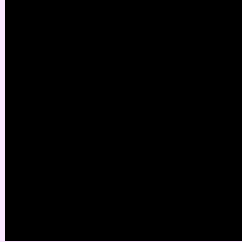
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

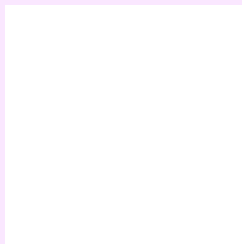
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 239.4170, 7.6824, 9.2813

## Background



This preview shows how black text looks on a background with the YUV color 239.4170, 7.6824, 9.2813.



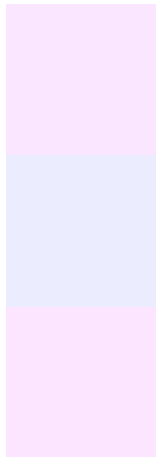
This preview shows how white text looks on a background with the YUV color 239.4170, 7.6824, 9.2813.

9.2813.

# 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

239.4170, 7.6824, 9.2813

### Protanopia

238.1660, 8.2992, -1.8996

### Deuteranopia

239.4280, 7.6770, 11.0256



## Tritanopia

239.1350, 5.3564, 8.6516

# Trichromacy



## Original Color

239.4170, 7.6824, 9.2813

## Protanomaly

238.4870, 8.1409, 2.2039

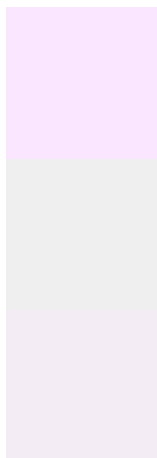
## Deuteranomaly

239.1290, 7.8244, 10.4109

## Tritanomaly

239.3630, 6.2300, 8.4516

# Monochromacy



## Original Color

239.4170, 7.6824, 9.2813

## Achromatopsia

239.0000, 0.0000, 0.0000

## Achromatomaly

239.1190, 2.8993, 3.4036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 239.4170, 7.6824, 9.2813 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(250, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 231, 255)  
}
```

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(250, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 231, 255) }
```

## Border

The CSS property to change the border of an element to YUV 239.4170, 7.6824, 9.2813 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(250, 231, 255) }
```



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

```
.border{ border-color:rgb(250, 231, 255) }
```

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

Here you see how a box with a 4 pixel rgb(250, 231, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 231,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 239.4170, 7.6824, 9.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 231, 255) }
```

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

```
.background{ background-color: rgb(250,  
231, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor