

# Converting Colors

YUV(237.6340, 8.5614, 7.3370)

Have a look what the booklet for  
YUV(237.6340, 8.5614, 7.3370)  
contains.

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# Color

**YUV(237.6340, 8.5614,  
7.3370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6E6FF
RGB	246, 230, 255
RGB Percent	96%, 90%, 100%
CMY	0.0353, 0.0980, 0.0000
CMYK	0.04, 0.10, 0.00, 0.00
HSL	278°, 100%, 95%
HSV	278°, 10%, 100%
XYZ	84.3529, 83.4065, 106.2609
YIQ	237.6340, 1.5110, 11.1670

# Conversions

## Conversions Part 2

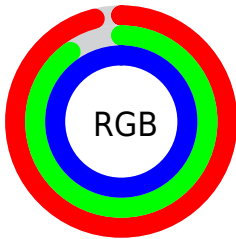
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 230, 255
Decimal	16180991
CIE Lab	93.19, 9.84, -10.12
CIE LCh	93, 14.116, 314.202
Yxy	83.4065, 0.3078, 0.3044
Android (android.graphics.Color)	4294371071 (0xFF6E6FF)
YUV	237.6340, 8.5614, 7.3370
Hunter-Lab	91.3271, 5.0462, -5.0561

# Details

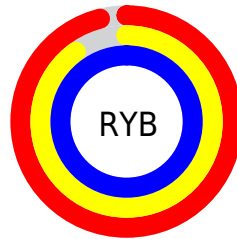
The YUV color `237.6340, 8.5614, 7.3370` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `247.3660, -8.5614, -7.3370`, and the grayscale version is `238.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `181.5200, 8.1246, 7.4370` is the 20% darker color. If you saturate the color by 10%, you get `220.2680, 17.1229, 14.6740`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

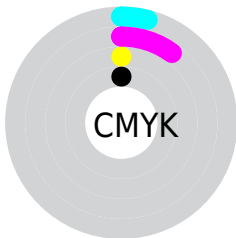
# Distribution



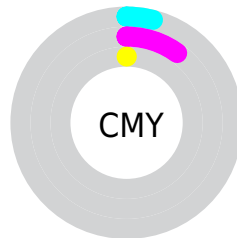
- Red (96%)
- Green (90%)
- Blue (100%)



- Red (96%)
- Yellow (90%)
- Blue (100%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 237.6340, 8.5614, 7.3370 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 237.6340, 8.5614, 7.3370 by changing the saturation by 10% instead.




 237.6340, 8.5614,  
7.3370


 237.6340, 8.5614,  
7.3370

255.0000, 0.0000,  
0.0000


 209.2210, 8.2720,  
6.8222

 181.5200, 8.1246,  
7.4370

 155.1070, 7.8352,  
6.9222

 128.6940, 7.5459,  
6.4074

 103.6940, 7.5459,  
6.4074

 79.2810, 7.2565,  
5.8926

 56.7540, 6.5303,

5.4777

■ 35.3410, 6.2409,  
4.9629

■ 12.5910, 7.1036,  
8.2517

■ 237.6340, 8.5614,  
7.3370

■ 237.6340, 8.5614,  
7.3370

■ 220.2680, 17.1229,  
14.6740

255.0000, 0.0000,  
0.0000

■ 202.3150, 25.9737,  
22.5257

■ 184.6500, 34.6826,  
29.2480

■ 166.6970, 43.5334,  
37.0997

■ 149.3310, 52.0948,  
44.4367

■ 131.3780, 60.9456,  
52.2885

■ 114.0120, 69.5071,  
59.6255

■ 96.0590, 78.3579,  
67.4773

■ 78.3940, 87.0668,  
74.1995

# Harmonies

## Analogous

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



234.8990, 9.9098, -5.1734



237.6340, 8.5614, 7.3370



237.1960, 2.8614, 15.6141

# Triad

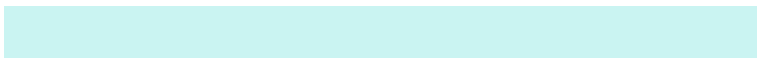
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.6340, 8.5614, 7.3370



236.0700, -12.8525, 15.7246



231.2140, 5.3175, -25.6207

# Complementary

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



237.6340, 8.5614, 7.3370



247.3660, -8.5614, -7.3370

# 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.



231.4230, -1.6875, -18.7880



237.6340, 8.5614, 7.3370



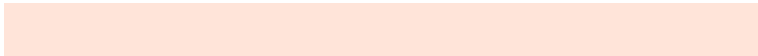
234.7050, -12.6726, 4.6437

# Square

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



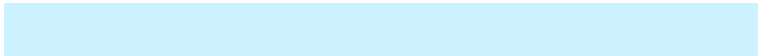
237.6340, 8.5614, 7.3370



234.8190, -8.7848, 17.6987



233.0670, -8.4140, -7.9518



231.7070, 10.9904, -25.1760



# Rectangle

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



237.6340, 8.5614, 7.3370



235.5830, -0.7804, 17.0287



233.0670, -8.4140, -7.9518



231.2420, 2.8387, -23.8912

# Sweetspot

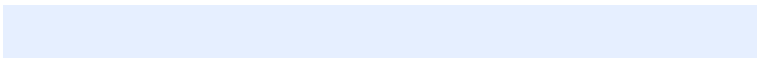
The Sweet Spot groups the original color and five complimentary colors.



237.6340, 8.5614, 7.3370



249.4070, 2.7573, 2.2741



238.1330, 8.3154, -7.1326



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.



237.6340, 8.5614, 7.3370



233.5140, 10.5926, 9.1962



239.9830, 5.9244, 13.1699



118.8740, 4.4991, 3.6185



58.2520, 65.4448, 55.9070



19.5550, 21.9114, 18.8073



# Inverse Universe

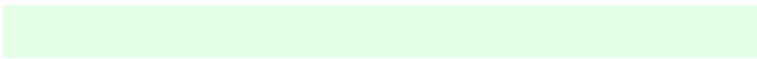
The Inverse Universe completely reimagines the original color for something new.



238.5010, 0.2460, 14.4696



234.5230, 0.2352, 17.9583



245.0170, -5.9244, -13.1699



119.3430, -0.1691, 7.5922



64.9750, 1.9843, 110.5239

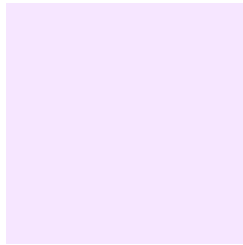


21.7580, 0.6123, 37.0462



# Previews

## White Background



This preview shows how the YUV color 237.6340, 8.5614, 7.3370 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

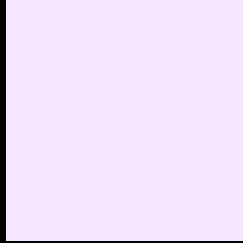
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 237.6340, 8.5614, 7.3370 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

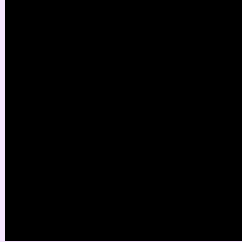
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 237.6340, 8.5614, 7.3370

## Background



This preview shows how black text looks on a background with the YUV color 237.6340, 8.5614, 7.3370.



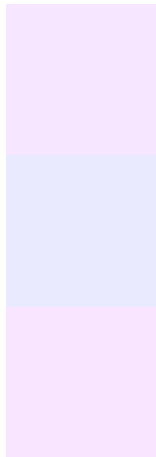
This preview shows how white text looks on a background with the YUV color 237.6340, 8.5614,

7.3370.

# 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

237.6340, 8.5614, 7.3370

### Protanopia

236.3940, 9.1728, -2.0995

### Deuteranopia

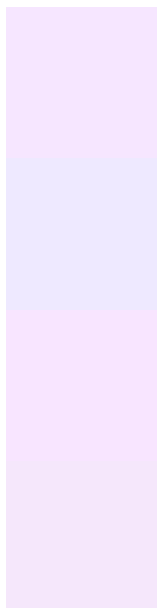
237.9440, 8.4086, 9.6961



## Tritanopia

237.2380, 5.7987, 6.8073

# Trichromacy



## Original Color

237.6340, 8.5614, 7.3370

## Protanomaly

237.0030, 8.8725, 0.8744

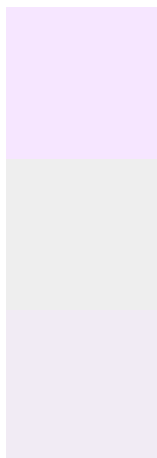
## Deuteranomaly

237.6450, 8.5560, 9.0813

## Tritanomaly

237.4660, 6.6723, 6.6073

# Monochromacy



## Original Color

237.6340, 8.5614, 7.3370

## Achromatopsia

238.0000, 0.0000, 0.0000

## Achromatomaly

237.8200, 3.0467, 2.7889

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 237.6340, 8.5614, 7.3370 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(246, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 230, 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(246, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 230, 255) }
```

## Border

The CSS property to change the border of an element to YUV 237.6340, 8.5614, 7.3370 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(246, 230, 255) }
```



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

```
.border{ border-color:rgb(246, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 230,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 237.6340, 8.5614, 7.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 230, 255) }
```

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

```
.background{ background-color: rgb(246,  
230, 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](#).

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