

# Converting Colors

YUV(233.5930, 0.6937, 10.8809)

Have a look what the booklet for  
YUV(233.5930, 0.6937, 10.8809)  
contains.

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# Color

**YUV(233.5930, 0.6937,  
10.8809)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6E3EB
RGB	246, 227, 235
RGB Percent	96%, 89%, 92%
CMY	0.0353, 0.1098, 0.0784
CMYK	0.00, 0.08, 0.04, 0.04
HSL	335°, 51%, 93%
HSV	335°, 8%, 96%
XYZ	80.4705, 80.5292, 89.8997
YIQ	233.5930, 8.7560, 6.5160

# Conversions

## Conversions Part 2

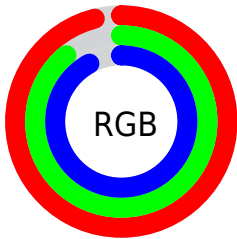
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 227, 235
Decimal	16180203
CIE Lab	91.92, 7.83, -1.56
CIE LCh	92, 7.982, 348.764
Yxy	80.5292, 0.3207, 0.3210
Android (android.graphics.Color)	4294370283 (0xFF6E3EB)
YUV	233.5930, 0.6937, 10.8809
Hunter-Lab	89.7380, 3.0242, 3.4198

# Details

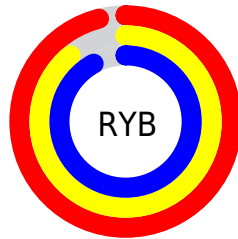
The YUV color  $233.5930, 0.6937, 10.8809$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $239.4070, -0.6937, -10.8809$ , and the grayscale version is  $234.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $178.1800, 0.4043, 10.3661$  is the 20% darker color. If you saturate the color by 10%, you get  $217.3220, 1.8133, 25.1506$ , and if you desaturate by 10%, it is  $249.8640, -0.4260, -3.3887$ .

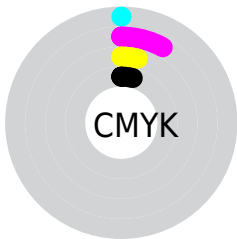
# Distribution



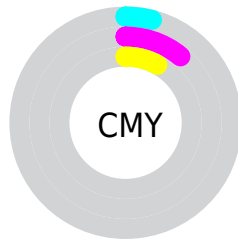
- Red (96%)
- Green (89%)
- Blue (92%)



- Red (96%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (4%)




- Cyan (4%)
- Magenta (11%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 233.5930, 0.6937, 10.8809 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 233.5930, 0.6937, 10.8809 by changing the saturation by 10% instead.




 233.5930, 0.6937,  
10.8809


 233.5930, 0.6937,  
10.8809


255.0000, 0.0000,  
0.0000


 205.2940, 0.8411,  
10.2662

 178.1800, 0.4043,  
10.3661

 151.2940, 0.8411,  
10.2662

 124.9950, 0.9885,  
9.6514

 100.5820, 0.6991,  
9.1366

 76.2830, 0.8465,  
8.5218

 53.8700, 0.5571,

8.0070

■ 32.5710, 0.7045,  
7.3922

■ 8.4190, 1.2724,  
11.9105

■ 233.5930, 0.6937,  
10.8809

■ 233.5930, 0.6937,  
10.8809

■ 217.3220, 1.8133,  
25.1506

■ 249.8640, -0.4260,  
-3.3887

■ 201.6380, 2.6435,  
38.9055

■ 252.3090, 1.3267,  
-5.5330

■ 185.2530, 3.3263,  
53.2751

■ 169.5690, 4.1565,  
67.0300

■ 153.2980, 5.2761,  
81.2997

■ 137.0270, 6.3957,  
95.5693

■ 121.2290, 6.7891,  
109.4242

■ 104.9580, 7.9087,  
123.6938

■ 89.2740, 8.7389,  
137.4487

# Harmonies

## Analogous

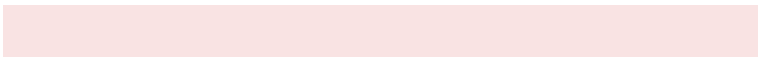
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.8850, 4.4937, 5.3629



233.5930, 0.6937, 10.8809



233.5780, -3.2430, 13.5251

# Triad

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



233.5930, 0.6937, 10.8809



231.1760, -6.9888, 1.5996



229.9320, 6.4425, -13.0954

# Complementary

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



233.5930, 0.6937, 10.8809



239.4070, -0.6937, -10.8809

# Split Complementary

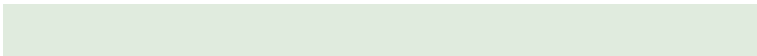
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.1230, 3.3904, -14.1399



233.5930, 0.6937, 10.8809



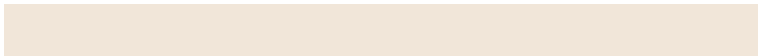
230.2290, -4.0569, -5.4628

# Square

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



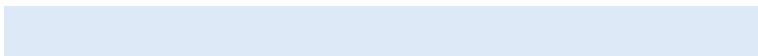
233.5930, 0.6937, 10.8809



231.8070, -7.2999, 8.0623



229.5210, -0.2569, -10.9809



231.0080, 7.8841, -8.7770

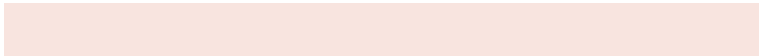


# Rectangle

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



233.5930, 0.6937, 10.8809



233.4100, -5.1321, 12.7954



229.5210, -0.2569, -10.9809



229.9920, 5.4269, -14.0250

# Sweetspot

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



233.5930, 0.6937, 10.8809



251.7230, 0.1366, 2.8739



232.4550, 6.6777, 4.8630



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

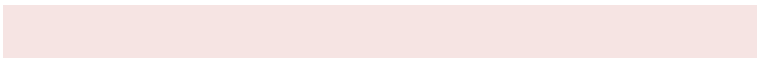
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.5930, 0.6937, 10.8809



240.0170, 0.9776, 13.1401



233.2680, -3.0901, 11.1660



114.1580, 0.4151, 6.8774



64.5060, 6.6525, 106.5502



20.4910, 2.2229, 33.7724



# Inverse Universe

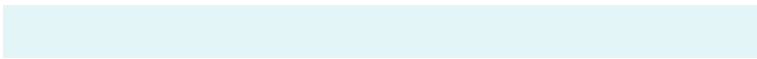
The Inverse Universe completely reimagines the original color for something new.



233.5930, 0.6937, 10.8809



240.0170, 0.9776, 13.1401



239.7320, 3.0901, -11.1660



114.1580, 0.4151, 6.8774



64.5060, 6.6525, 106.5502

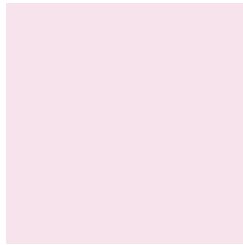


20.4910, 2.2229, 33.7724



# Previews

## White Background



This preview shows how the YUV color 233.5930, 0.6937, 10.8809 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

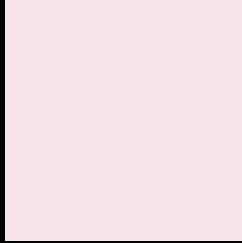
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 233.5930, 0.6937, 10.8809 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

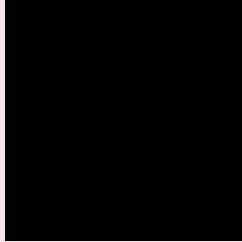
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 233.5930, 0.6937, 10.8809

## Background



This preview shows how black text looks on a background with the YUV color 233.5930, 0.6937, 10.8809.



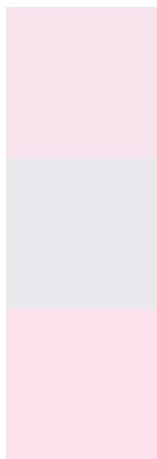
This preview shows how white text looks on a background with the YUV color 233.5930, 0.6937,

10.8809.

# 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

233.5930, 0.6937, 10.8809

### Protanopia

232.5810, 2.1786, 1.2445

### Deuteranopia

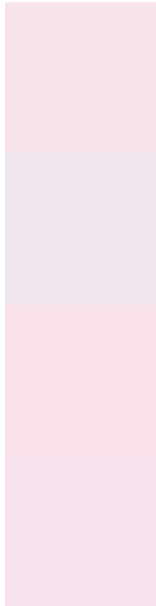
234.5120, 0.2406, 16.2140



## Tritanopia

234.2170, 4.3300, 11.2107

# Trichromacy



## Original Color

233.5930, 0.6937, 10.8809

## Protanomaly

233.0760, 1.4415, 4.3183

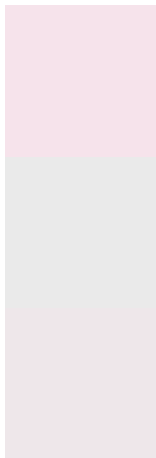
## Deuteranomaly

234.2020, 0.3934, 13.8548

## Tritanomaly

233.8750, 3.0196, 11.5106

# Monochromacy



## Original Color

233.5930, 0.6937, 10.8809

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

233.4350, 0.2785, 4.0035

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 233.5930, 0.6937, 10.8809 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, 227, 235)` looks like.

```
.text, #text, p{  
    color:rgb(246, 227, 235)  
}
```

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, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 227, 235) }
```

## Border

The CSS property to change the border of an element to YUV 233.5930, 0.6937, 10.8809 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, 227, 235) }
```



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

```
.border{ border-color:rgb(246, 227, 235) }
```

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

Here you see how a box with a 4 pixel rgb(246, 227, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 227,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 233.5930, 0.6937, 10.8809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 227, 235) }
```

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

```
.background{ background-color: rgb(246,  
227, 235) }
```

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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