

# Converting Colors

YUV(233.2340, 1.8566, 11.1958)

Have a look what the booklet for  
YUV(233.2340, 1.8566, 11.1958)  
contains.

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# Color

**YUV(233.2340, 1.8566,  
11.1958)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6E2ED
RGB	246, 226, 237
RGB Percent	96%, 89%, 93%
CMY	0.0353, 0.1137, 0.0706
CMYK	0.00, 0.08, 0.04, 0.04
HSL	327°, 53%, 93%
HSV	327°, 8%, 96%
XYZ	80.4885, 80.1000, 91.3394
YIQ	233.2340, 8.3890, 7.6610

# Conversions

## Conversions Part 2

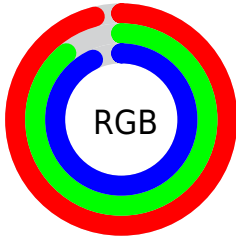
Format	Color
R <sub>Y</sub> B	246, 226, 237
Decimal	16179949
CIE Lab	91.73, 8.69, -2.88
CIE LCh	92, 9.158, 341.652
Yxy	80.1000, 0.3195, 0.3179
Android (android.graphics.Color)	4294370029 (0xFFFF6E2ED)
YUV	233.2340, 1.8566, 11.1958
Hunter-Lab	89.4986, 3.9073, 2.1395

# Details

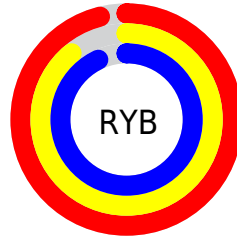
The YUV color  $233.2340, 1.8566, 11.1958$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $238.7660, -1.8566, -11.1958$ , and the grayscale version is  $233.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $177.8210, 1.5672, 10.6810$  is the 20% darker color. If you saturate the color by 10%, you get  $217.3050, 4.2866, 25.1655$ , and if you desaturate by 10%, it is  $249.1630, -0.5734, -2.7740$ .

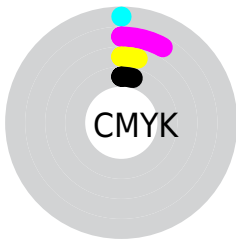
# Distribution



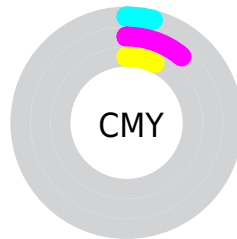
- Red (96%)
- Green (89%)
- Blue (93%)



- Red (96%)
- Yellow (89%)
- Blue (93%)



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



- Cyan (4%)
- Magenta (11%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 233.2340, 1.8566, 11.1958 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 233.2340, 1.8566, 11.1958 by changing the saturation by 10% instead.





 233.2340, 1.8566,  
11.1958


 233.2340, 1.8566,  
11.1958


255.0000, 0.0000,  
0.0000


 204.9350, 2.0040,  
10.5810

 177.8210, 1.5672,  
10.6810

 150.8210, 1.5672,  
10.6810

 125.1090, 1.4253,  
9.5514

 100.1090, 1.4253,  
9.5514

 75.8100, 1.5727,  
8.9366

 53.3970, 1.2833,

8.4218

■ 32.0980, 1.4307,  
7.8071

■ 8.0600, 2.4354,  
12.2254

■ 233.2340, 1.8566,  
11.1958

■ 233.2340, 1.8566,  
11.1958

■ 217.3050, 4.2866,  
25.1655

■ 249.1630, -0.5734,  
-2.7740

■ 201.9630, 6.4272,  
38.6204

■ 252.3090, 1.3267,  
-5.5330

■ 186.0340, 8.8572,  
52.5902

■ 170.6920, 10.9978,  
66.0451

■ 154.7630, 13.4278,  
80.0148

■ 138.8340, 15.8578,  
93.9846

■ 123.4920, 17.9984,  
107.4395

■ 107.4490, 19.9916,  
121.5092

■ 92.1070, 22.1322,  
134.9642

# Harmonies

## Analogous

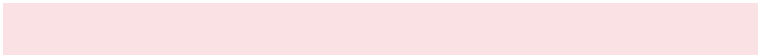
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.5150, 5.6621, 3.9333



233.2340, 1.8566, 11.1958



232.8170, -2.3748, 15.0695

# Triad

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



233.2340, 1.8566, 11.1958



230.8450, -8.3046, 3.6439



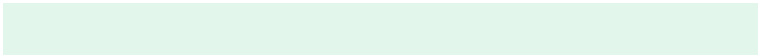
229.3230, 6.7428, -16.0693

# Complementary

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



233.2340, 1.8566, 11.1958



238.7660, -1.8566, -11.1958

# Split Complementary

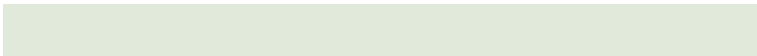
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.5850, 2.6696, -16.2990



233.2340, 1.8566, 11.1958



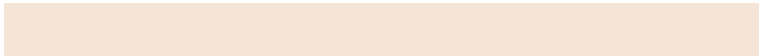
229.4850, -5.6621, -3.9333

# Square

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



233.2340, 1.8566, 11.1958



231.8890, -8.3263, 10.6213



228.7660, -1.8566, -11.1958



230.5130, 8.6211, -11.8509

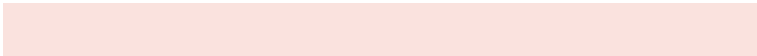


# Rectangle

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



233.2340, 1.8566, 11.1958



232.7200, -5.2850, 15.1546



228.7660, -1.8566, -11.1958



228.6820, 5.5798, -16.3841

# Sweetspot

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



233.2340, 1.8566, 11.1958



251.8370, 0.5734, 2.7740



230.9710, 7.4093, 3.5334



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

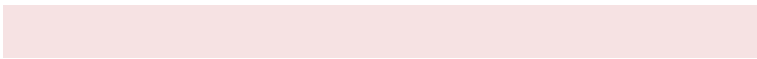
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.2340, 1.8566, 11.1958



239.0710, 2.4300, 13.9697



232.0940, -2.5113, 12.1956



114.3860, 1.2887, 6.6775



67.2420, 17.1357, 104.1508



21.2890, 5.2805, 33.0725



# Inverse Universe

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



233.2340, 1.8566, 11.1958



239.0710, 2.4300, 13.9697



239.9060, 2.5113, -12.1956



114.3860, 1.2887, 6.6775



67.2420, 17.1357, 104.1508

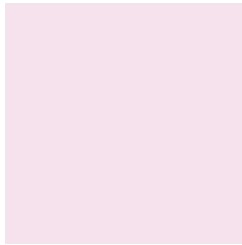


21.2890, 5.2805, 33.0725



# Previews

## White Background



This preview shows how the YUV color 233.2340, 1.8566, 11.1958 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

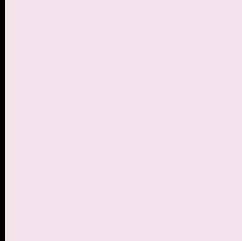
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 233.2340, 1.8566, 11.1958 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

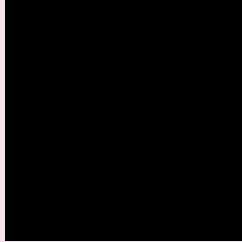
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 233.2340, 1.8566, 11.1958

## Background



This preview shows how black text looks on a background with the YUV color 233.2340, 1.8566, 11.1958.



This preview shows how white text looks on a background with the YUV color 233.2340, 1.8566,

11.1958.

# 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

233.2340, 1.8566, 11.1958

### Protanopia

231.9230, 3.4890, 0.9445

### Deuteranopia

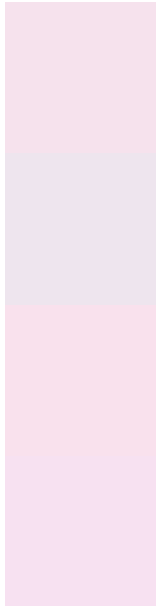
233.5550, 1.6984, 15.2993



## Tritanopia

233.6300, 4.6194, 11.7255

# Trichromacy



## Original Color

233.2340, 1.8566, 11.1958

## Protanomaly

232.7170, 2.6045, 4.6332

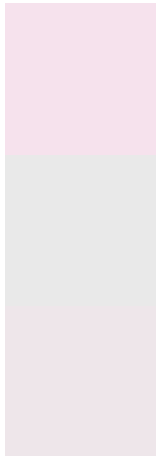
## Deuteranomaly

233.5440, 1.7038, 13.5549

## Tritanomaly

233.4020, 3.7458, 11.9254

# Monochromacy



## Original Color

233.2340, 1.8566, 11.1958

## Achromatopsia

233.0000, 0.0000, 0.0000

## Achromatomaly

232.8480, 0.5679, 4.5183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 233.2340, 1.8566, 11.1958 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, 226, 237)` looks like.

```
.text, #text, p{  
    color:rgb(246, 226, 237)  
}
```

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, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 226, 237) }
```

## Border

The CSS property to change the border of an element to YUV 233.2340, 1.8566, 11.1958 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, 226, 237) }
```



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

```
.border{ border-color:rgb(246, 226, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 226, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(246, 226,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 233.2340, 1.8566, 11.1958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 226, 237) }
```

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

```
.background{ background-color: rgb(246,  
226, 237) }
```

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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