

# Converting Colors

YUV(234.3330, -1.6432,  
13.7400)

Have a look what the booklet for  
YUV(234.3330, -1.6432, 13.7400)  
contains.

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# Color

**YUV(234.3330, -1.6432,  
13.7400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAE3E7
RGB	250, 227, 231
RGB Percent	98%, 89%, 91%
CMY	0.0196, 0.1098, 0.0941
CMYK	0.00, 0.09, 0.08, 0.02
HSL	350°, 70%, 94%
HSV	350°, 9%, 98%
XYZ	81.3172, 81.0317, 86.9561
YIQ	234.3330, 12.4240, 6.1200

# Conversions

## Conversions Part 2

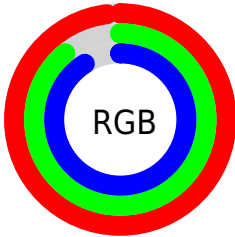
Format	Color
<b>R<sub>YB</sub></b>	250, 227, 231
Decimal	16442343
CIE Lab	92.15, 8.52, 0.90
CIE LCh	92, 8.564, 6.043
Yxy	81.0317, 0.3262, 0.3250
Android (android.graphics.Color)	4294632423 (0xFFFAE3E7)
YUV	234.3330, -1.6432, 13.7400
Hunter-Lab	90.0176, 3.7168, 5.7388

# Details

The YUV color  $234.3330, -1.6432, 13.7400$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $242.6670, 1.6432, -13.7400$ , 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  $178.6210, -1.7852, 12.6104$  is the 20% darker color. If you saturate the color by 10%, you get  $217.2640, -3.5812, 28.7095$ , and if you desaturate by 10%, it is  $251.4020, 0.2948, -1.2296$ .

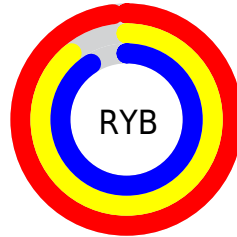
# Distribution



Red (98%)

Green (89%)

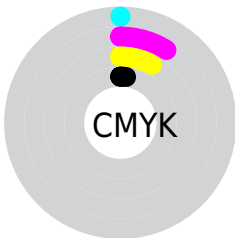
Blue (91%)



Red (98%)

Yellow (89%)

Blue (91%)

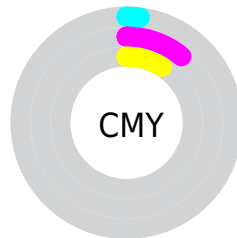


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (2%)



Cyan (2%)

Magenta (11%)


Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 234.3330, -1.6432, 13.7400 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 234.3330, -1.6432, 13.7400 by changing the saturation by 10% instead.




 234.3330, -1.6432,  
13.7400

 234.3330, -1.6432,  
13.7400


255.0000, 0.0000,  
0.0000


 206.0340, -1.4958,  
13.1252

 178.6210, -1.7852,  
12.6104

 151.7350, -1.3484,  
12.5104

 125.7350, -1.3484,  
12.5104

 101.0230, -1.4903,  
11.3808

 76.7240, -1.3429,  
10.7661

 54.4250, -1.1955,

10.1513

■ 32.2400, -0.6113,  
9.4365

■ 8.7460, -1.3538,  
14.2548

■ 234.3330, -1.6432,  
13.7400

■ 234.3330, -1.6432,  
13.7400

■ 217.2640, -3.5812,  
28.7095

■ 251.4020, 0.2948,  
-1.2296

■ 200.3090, -5.0823,  
43.5790

■ 253.5050, 0.7370,  
-3.0739

■ 183.2400, -7.0203,  
58.5485

■ 166.1710, -8.9583,  
73.5180

■ 149.2160,  
-10.4595, 88.3876

■ 132.1470,  
-12.3975, 103.3571

■ 115.0780,  
-14.3355, 118.3266

■ 98.1230, -15.8366,  
133.1961

■ 81.0540, -17.7746,  
148.1656

# Harmonies

## Analogous

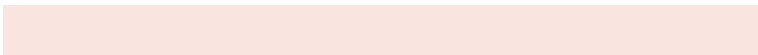
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.3370, 2.2989, 9.3515



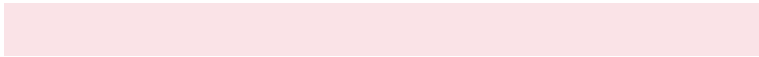
234.3330, -1.6432, 13.7400



234.0080, -5.4269, 14.0250

# Triad

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



234.3330, -1.6432, 13.7400



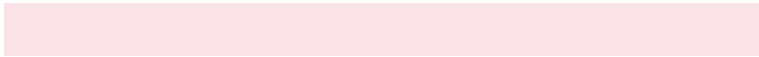
231.0830, -5.9569, -2.7038



230.9860, 7.8949, -12.2657

# Complementary

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



234.3330, -1.6432, 13.7400



242.6670, 1.6432, -13.7400

# Split Complementary

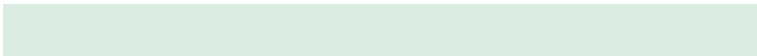
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.3940, 5.7218, -15.2545



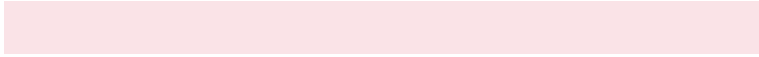
234.3330, -1.6432, 13.7400



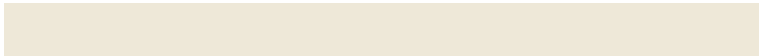
230.3640, -2.1515, -9.9662

# Square

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



234.3330, -1.6432, 13.7400



231.9700, -7.8732, 5.2883



230.3680, 1.7906, -14.3547



232.7310, 8.0206, -5.9031

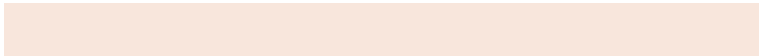


# Rectangle

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



234.3330, -1.6432, 13.7400



233.5410, -7.1687, 12.6805



230.3680, 1.7906, -14.3547



230.8610, 7.4635, -13.9101

# Sweetspot

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



234.3330, -1.6432, 13.7400



249.6200, -0.3057, 4.7183



235.3030, 7.2456, 9.3813



123.9080, -0.4476, 3.5887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

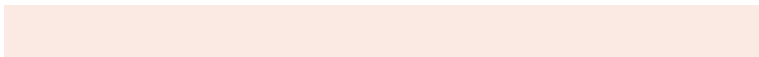
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.3330, -1.6432, 13.7400



235.9420, -1.9434, 16.7139



237.9860, -5.4161, 10.5363



116.2290, -0.6059, 7.6922



60.2730, -13.4456, 112.8936

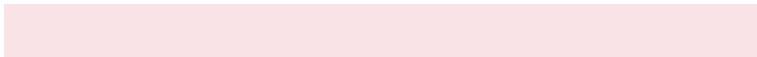


19.4930, -4.1870, 36.4016



# Inverse Universe

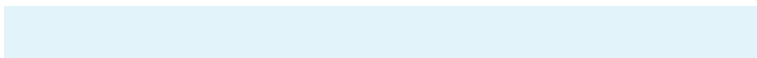
The Inverse Universe completely reimagines the original color for something new.



234.3330, -1.6432, 13.7400



235.9420, -1.9434, 16.7139



239.0140, 5.4161, -10.5363



116.2290, -0.6059, 7.6922



60.2730, -13.4456, 112.8936

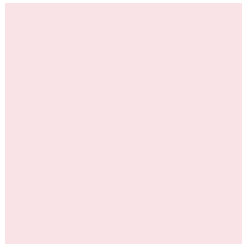


19.4930, -4.1870, 36.4016



# Previews

## White Background



This preview shows how the YUV color 234.3330, -1.6432, 13.7400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

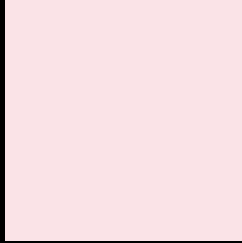
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 234.3330, -1.6432, 13.7400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

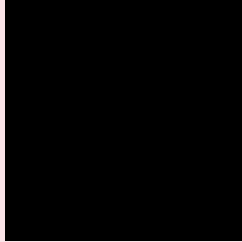
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 234.3330, -1.6432, 13.7400

## Background



This preview shows how black text looks on a background with the YUV color 234.3330, -1.6432, 13.7400.



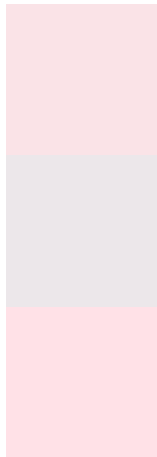
This preview shows how white text looks on a background with the YUV color 234.3330, -1.6432,

13.7400.

# 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

234.3330, -1.6432, 13.7400

### Protanopia

232.8370, 0.5734, 2.7740

### Deuteranopia

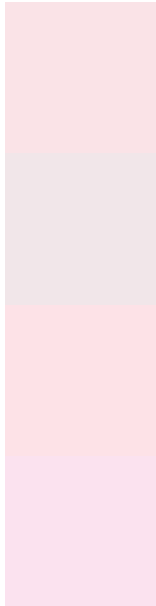
234.6540, -1.8014, 17.8434



## Tritanopia

235.1250, 3.8824, 14.7994

# Trichromacy



## Original Color

234.3330, -1.6432, 13.7400

## Protanomaly

233.6310, -0.3111, 6.4626

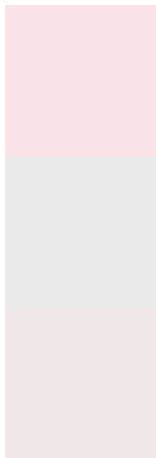
## Deuteranomaly

234.6430, -1.7960, 16.0991

## Tritanomaly

234.9570, 1.9932, 14.0697

# Monochromacy



## Original Color

234.3330, -1.6432, 13.7400

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

233.9190, -0.4531, 5.3330

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 234.3330, -1.6432, 13.7400 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, 227, 231)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 231)  
}
```

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, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 231) }
```

## Border

The CSS property to change the border of an element to YUV 234.3330, -1.6432, 13.7400 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, 227, 231) }
```



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

```
.border{ border-color:rgb(250, 227, 231) }
```

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

Here you see how a box with a 4 pixel rgb(250, 227, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 234.3330, -1.6432, 13.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 231) }
```

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

```
.background{ background-color: rgb(250,  
227, 231) }
```

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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