

# Converting Colors

YUV(234.1430, -3.5215, 9.5216)

Have a look what the booklet for  
YUV(234.1430, -3.5215, 9.5216)  
contains.

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# Color

**YUV(234.1430, -3.5215,  
9.5216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5E6E3
RGB	245, 230, 227
RGB Percent	96%, 90%, 89%
CMY	0.0392, 0.0980, 0.1098
CMYK	0.00, 0.06, 0.07, 0.04
HSL	10°, 47%, 93%
HSV	10°, 7%, 96%
XYZ	79.8181, 81.5522, 84.2073
YIQ	234.1430, 9.9030, 2.2470

# Conversions

## Conversions Part 2

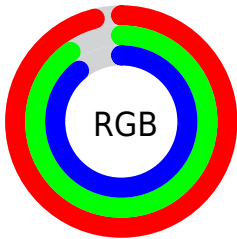
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 231, 227
Decimal	16115427
CIE Lab	92.38, 4.59, 3.28
CIE LCh	92, 5.636, 35.542
Yxy	81.5522, 0.3250, 0.3321
Android (android.graphics.Color)	4294305507 (0xFF5E6E3)
YUV	234.1430, -3.5215, 9.5216
Hunter-Lab	90.3062, -0.2668, 7.9286

# Details

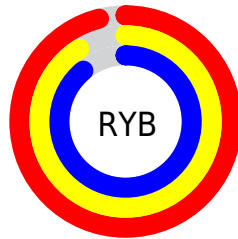
The YUV color  $234.1430, -3.5215, 9.5216$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $237.8570, 3.5215, -9.5216$ , and the grayscale version is  $234.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $178.8440, -3.3741, 8.9068$  is the 20% darker color. If you saturate the color by 10%, you get  $219.6670, -8.2168, 22.2170$ , and if you desaturate by 10%, it is  $248.6190, 1.1738, -3.1739$ .

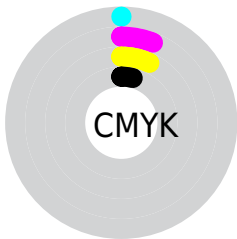
# Distribution



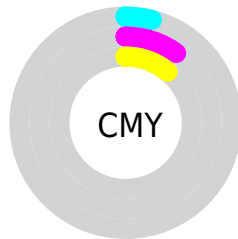
- Red (96%)
- Green (90%)
- Blue (89%)



- Red (96%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 234.1430, -3.5215, 9.5216 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 234.1430, -3.5215, 9.5216 by changing the saturation by 10% instead.



234.1430, -3.5215,  
9.5216

234.1430, -3.5215,  
9.5216

255.0000, 0.0000,  
0.0000

206.1430, -3.5215,  
9.5216

178.8440, -3.3741,  
8.9068

151.8440, -3.3741,  
8.9068

125.6590, -2.7899,  
8.1921

100.6590, -2.7899,  
8.1921

77.2460, -3.0793,  
7.6773

54.0610, -2.4951,

6.9625

■ 32.7620, -2.3477,  
6.3477

■ 9.3280, -4.1057,  
10.2363

■ 234.1430, -3.5215,  
9.5216

■ 234.1430, -3.5215,  
9.5216

■ 219.6670, -8.2168,  
22.2170

■ 248.6190, 1.1738,  
-3.1739

■ 204.4900,  
-13.0596, 35.5273

■ 252.0100, 1.4741,  
-6.1478

■ 190.0140,  
-17.7549, 48.2227

■ 174.8370,  
-22.5976, 61.5330

■ 160.2470,  
-27.7298, 74.3284

■ 145.7710,  
-32.4251, 87.0238

■ 130.5940,  
-37.2678, 100.3341

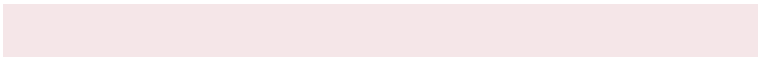
■ 116.1180,  
-41.9632, 113.0295

■ 100.9410,  
-46.8059, 126.3397

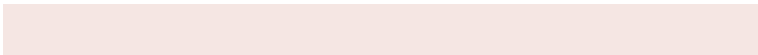
# Harmonies

## Analogous

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



234.7130, -1.3375, 9.0217



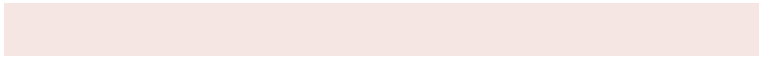
234.1430, -3.5215, 9.5216



233.3770, -5.1159, 7.5624

# Triad

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



234.1430, -3.5215, 9.5216



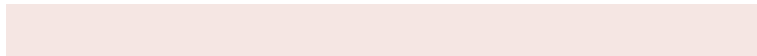
231.7990, -1.8729, -5.9627



233.0580, 5.3944, -3.5589

# Complementary

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



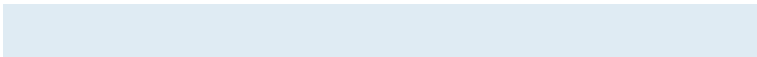
234.1430, -3.5215, 9.5216



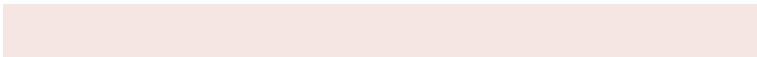
237.8570, 3.5215, -9.5216

# 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.



232.3240, 5.2633, -8.1771



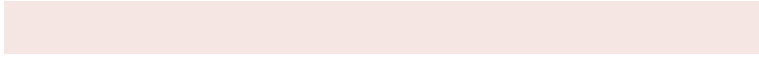
234.1430, -3.5215, 9.5216



231.2870, 1.3375, -9.0217

# Square

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



234.1430, -3.5215, 9.5216



232.2510, -4.0677, -1.9741



231.5580, 3.6689, -10.1364

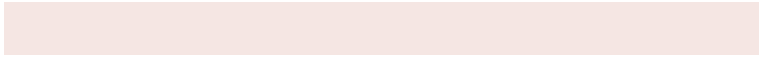


233.7490, 4.0677, 1.9741

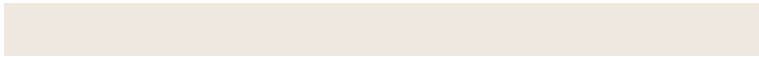


# Rectangle

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



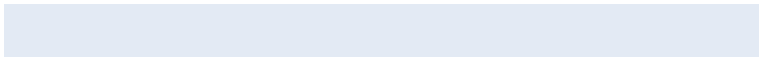
234.1430, -3.5215, 9.5216



232.9530, -5.3998, 5.3032



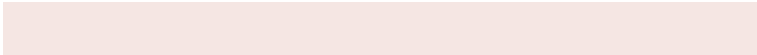
231.5580, 3.6689, -10.1364



233.0470, 5.3998, -5.3032

# Sweetspot

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



234.1430, -3.5215, 9.5216



252.0820, -1.0264, 2.5591



234.0920, 3.8986, 9.5663



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000

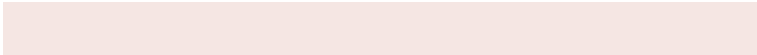


128.0000, 0.0000, 0.0000

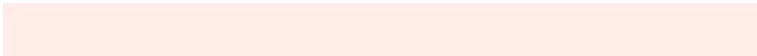


# Same Dimension

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



234.1430, -3.5215, 9.5216



241.2250, -4.5479, 12.0807



239.4260, -6.1260, 4.8884



114.7620, -2.3477, 6.3477



73.8110, -36.3888, 98.3898



23.5110, -11.5909, 31.1239

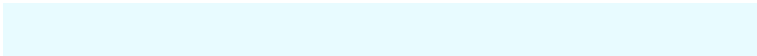


# Inverse Universe

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



237.8570, 3.5215, -9.5216



245.7750, 4.5479, -12.0807



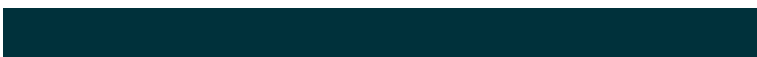
232.5740, 6.1260, -4.8884



117.2380, 2.3477, -6.3477



112.1890, 36.3888, -98.3898

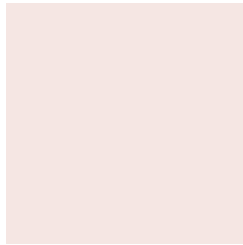


35.4890, 11.5909, -31.1239



# Previews

## White Background



This preview shows how the YUV color 234.1430, -3.5215, 9.5216 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

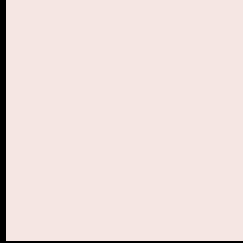
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 234.1430, -3.5215, 9.5216 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

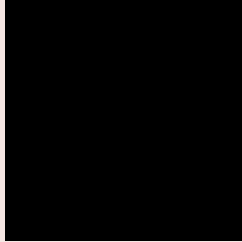
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

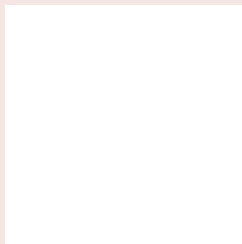
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 234.1430, -3.5215, 9.5216

## Background



This preview shows how black text looks on a background with the YUV color 234.1430, -3.5215, 9.5216.



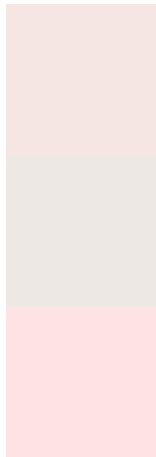
This preview shows how white text looks on a background with the YUV color 234.1430, -3.5215,

9.5216.

# 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

234.1430, -3.5215, 9.5216

### Protanopia

233.3380, -2.6316, 4.0886

### Deuteranopia

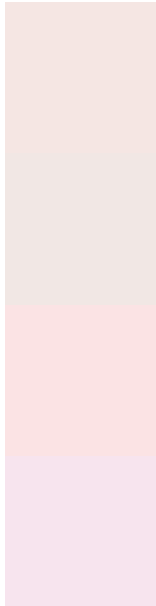
234.8990, -3.4012, 17.6286



## Tritanopia

235.3310, 4.7668, 11.1107

# Trichromacy



## Original Color

234.1430, -3.5215, 9.5216

## Protanomaly

233.6480, -2.7845, 6.4477

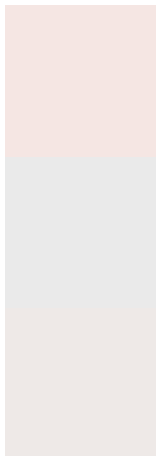
## Deuteranomaly

234.2900, -3.1010, 14.6547

## Tritanomaly

234.8210, 1.5672, 10.6810

# Monochromacy



## Original Color

234.1430, -3.5215, 9.5216

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

234.2670, -1.6106, 3.2738

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 234.1430, -3.5215, 9.5216 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(245, 230, 227)` looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 227)  
}
```

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(245, 230, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 227) }
```

## Border

The CSS property to change the border of an element to YUV 234.1430, -3.5215, 9.5216 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(245, 230, 227) }
```



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

```
.border{ border-color:rgb(245, 230, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 230, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 234.1430, -3.5215, 9.5216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 227) }
```

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

```
.background{ background-color: rgb(245,  
230, 227) }
```

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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