

# Converting Colors

YUV(235.0770, -0.0380,  
12.2105)

Have a look what the booklet for  
YUV(235.0770, -0.0380, 12.2105)  
contains.

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# Color

**YUV(235.0770, -0.0380,  
12.2105)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9E4EB
RGB	249, 228, 235
RGB Percent	98%, 89%, 92%
CMY	0.0235, 0.1059, 0.0784
CMYK	0.00, 0.08, 0.06, 0.02
HSL	340°, 64%, 94%
HSV	340°, 8%, 98%
XYZ	81.8057, 81.6247, 90.0408
YIQ	235.0770, 10.2690, 6.6290

# Conversions

## Conversions Part 2

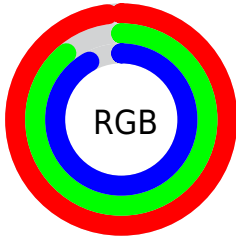
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 228, 235
Decimal	16377067
CIE Lab	92.41, 8.33, -0.81
CIE LCh	92, 8.370, 354.423
Yxy	81.6247, 0.3227, 0.3220
Android (android.graphics.Color)	4294567147 (0xFF9E4EB)
YUV	235.0770, -0.0380, 12.2105
Hunter-Lab	90.3464, 3.5198, 4.1530

# Details

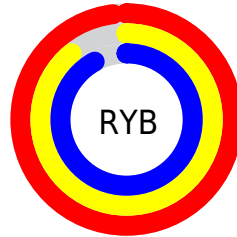
The YUV color  $235.0770, -0.0380, 12.2105$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $241.9230, 0.0380, -12.2105$ , and the grayscale version is  $235.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $179.6640, -0.3274, 11.6957$  is the 20% darker color. If you saturate the color by 10%, you get  $218.4640, -0.2288, 26.7801$ , and if you desaturate by 10%, it is  $251.6900, 0.1528, -2.3591$ .

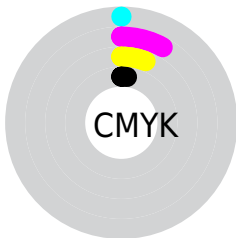
# Distribution



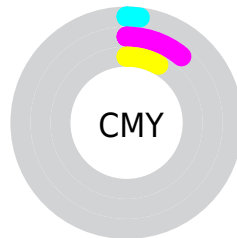
- Red (98%)
- Green (89%)
- Blue (92%)



- Red (98%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 235.0770, -0.0380, 12.2105 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 235.0770, -0.0380, 12.2105 by changing the saturation by 10% instead.



 235.0770, -0.0380,  
12.2105


 235.0770, -0.0380,  
12.2105


255.0000, 0.0000,  
0.0000


 206.7780, 0.1094,  
11.5957

 179.6640, -0.3274,  
11.6957

 152.4790, 0.2569,  
10.9809

 126.4790, 0.2569,  
10.9809

 101.7670, 0.1149,  
9.8513

 77.7670, 0.1149,  
9.8513

 54.4680, 0.2623,

9.2366

■ 33.1690, 0.4097,  
8.6218

■ 9.6040, 0.6882,  
12.6253

■ 235.0770, -0.0380,  
12.2105

■ 235.0770, -0.0380,  
12.2105

■ 218.4640, -0.2288,  
26.7801

■ 251.6900, 0.1528,  
-2.3591

■ 201.9650, 0.0173,  
41.2497

■ 253.2060, 0.8844,  
-3.6887

■ 185.3520, -0.1735,  
55.8193

■ 168.8530, 0.0725,  
70.2889

■ 152.8270, -0.4077,  
84.3437

■ 136.2140, -0.5985,  
98.9133

■ 119.7150, -0.3525,  
113.3829

■ 103.1020, -0.5433,  
127.9525

■ 86.6030, -0.2973,  
142.4222

# Harmonies

## Analogous

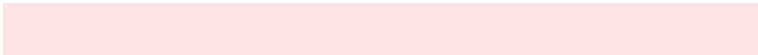
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.7820, 4.0515, 7.2072



235.0770, -0.0380, 12.2105



234.7630, -3.8272, 14.2398

# Triad

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



235.0770, -0.0380, 12.2105



232.5780, -6.6940, 0.3701



231.7470, 7.0267, -13.8101

# Complementary

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



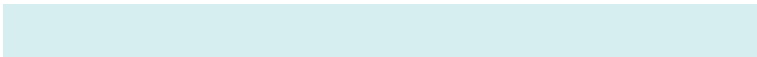
235.0770, -0.0380, 12.2105



241.9230, 0.0380, -12.2105

# 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.



230.9380, 3.9746, -14.8546



235.0770, -0.0380, 12.2105



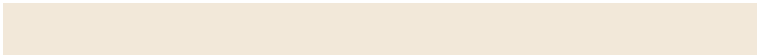
231.6310, -3.7621, -6.6924

# Square

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



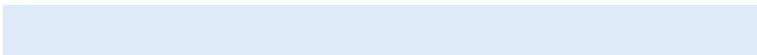
235.0770, -0.0380, 12.2105



233.2800, -8.0260, 7.6474



230.6240, 0.1854, -12.8252



232.4210, 8.1734, -8.2622

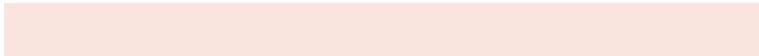


# Rectangle

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



235.0770, -0.0380, 12.2105



234.4810, -6.1531, 13.6102



230.6240, 0.1854, -12.8252



231.2200, 6.3005, -14.2249

# Sweetspot

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



235.0770, -0.0380, 12.2105



249.7340, 0.1311, 4.6183



234.5800, 7.1091, 6.5073



124.0220, -0.0108, 3.4887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

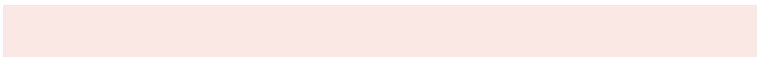
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.0770, -0.0380, 12.2105



238.3870, -0.1908, 14.5696



236.6270, -4.2531, 10.8511



116.4570, 0.2677, 7.4922



63.6930, -0.3416, 109.8942



20.5190, -0.2559, 35.5018



# Inverse Universe

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



235.0770, -0.0380, 12.2105



238.3870, -0.1908, 14.5696



240.3730, 4.2531, -10.8511



116.4570, 0.2677, 7.4922



63.6930, -0.3416, 109.8942

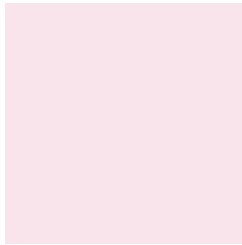


20.5190, -0.2559, 35.5018



# Previews

## White Background



This preview shows how the YUV color 235.0770, -0.0380, 12.2105 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

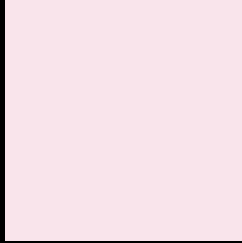
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 235.0770, -0.0380, 12.2105 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

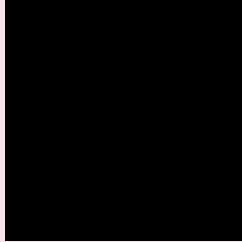
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 235.0770, -0.0380, 12.2105

## Background



This preview shows how black text looks on a background with the YUV color 235.0770, -0.0380, 12.2105.



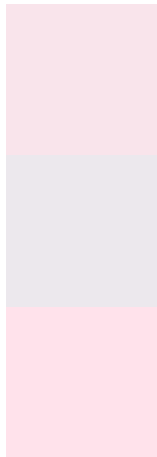
This preview shows how white text looks on a background with the YUV color 235.0770, -0.0380,



# 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

235.0770, -0.0380, 12.2105

### Protanopia

233.7660, 1.5944, 1.9592

### Deuteranopia

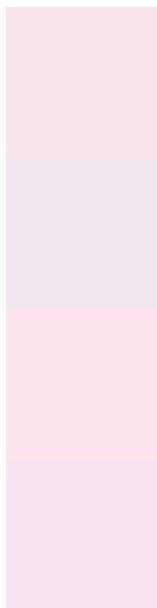
235.6970, -0.3436, 16.9287



## Tritanopia

235.8150, 4.0352, 12.4402

# Trichromacy



## Original Color

235.0770, -0.0380, 12.2105

## Protanomaly

234.5600, 0.7099, 5.6479

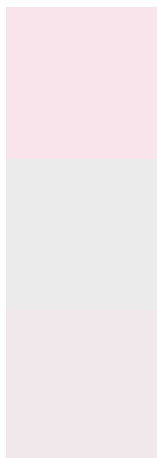
## Deuteranomaly

235.6860, -0.3382, 15.1844

## Tritanomaly

235.4730, 2.7248, 12.7402

# Monochromacy



## Original Color

235.0770, -0.0380, 12.2105

## Achromatopsia

235.0000, 0.0000, 0.0000

## Achromatomaly

234.7340, 0.1311, 4.6183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 235.0770, -0.0380, 12.2105 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(249, 228, 235)` looks like.

```
.text, #text, p{  
    color:rgb(249, 228, 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(249, 228, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 228, 235) }
```

## Border

The CSS property to change the border of an element to YUV 235.0770, -0.0380, 12.2105 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(249, 228, 235) }
```



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

```
.border{ border-color:rgb(249, 228, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 228, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 228, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 228, 235);  
box-shadow:4px 4px 4px 4px rgb(249, 228,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 235.0770, -0.0380, 12.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 228, 235) }
```

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

```
.background{ background-color: rgb(249,  
228, 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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