

# Converting Colors

YUV(248.1220, -8.4411, 0.7700)

Have a look what the booklet for  
YUV(248.1220, -8.4411, 0.7700)  
contains.

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# Color

**YUV(248.1220, -8.4411,  
0.7700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9FBE7
RGB	249, 251, 231
RGB Percent	98%, 98%, 91%
CMY	0.0235, 0.0157, 0.0941
CMYK	0.01, 0.00, 0.08, 0.02
HSL	66°, 71%, 95%
HSV	66°, 8%, 98%
XYZ	87.9879, 94.9036, 89.2821
YIQ	248.1220, 5.2280, -6.6440

# Conversions

## Conversions Part 2

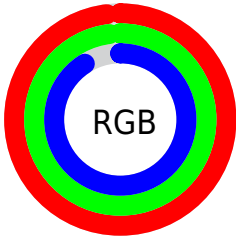
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 251, 233
Decimal	16382951
CIE Lab	97.99, -4.06, 9.35
CIE LCh	98, 10.188, 113.457
Yxy	94.9036, 0.3233, 0.3487
Android (android.graphics.Color)	4294573031 (0xFFFF9FBE7)
YUV	248.1220, -8.4411, 0.7700
Hunter-Lab	97.4185, -9.2620, 13.8549

# Details

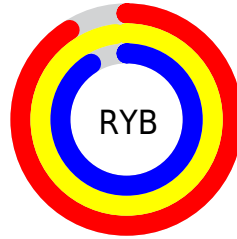
The YUV color  $248.1220, -8.4411, 0.7700$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $233.8780, 8.4411, -0.7700$ , and the grayscale version is  $248.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $192.1220, -8.4411, 0.7700$  is the 20% darker color. If you saturate the color by 10%, you get  $244.3750, -18.9189, 1.4251$ , and if you desaturate by 10%, it is  $251.7550, 1.5998, 0.2149$ .

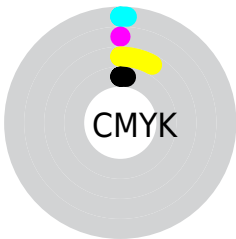
# Distribution



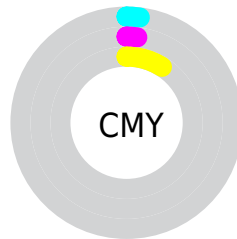
- Red (98%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)




- Cyan (2%)
- Magenta (2%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 248.1220, -8.4411, 0.7700 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 248.1220, -8.4411, 0.7700 by changing the saturation by 10% instead.




 248.1220, -8.4411,  
0.7700

 248.1220, -8.4411,  
0.7700

255.0000, 0.0000,  
0.0000


 219.2360, -8.0043,  
0.6700

 192.1220, -8.4411,  
0.7700

 164.3500, -7.5675,  
0.5701

 138.3500, -7.5675,  
0.5701

 112.4640, -7.1308,  
0.4701

 88.4640, -7.1308,  
0.4701

 64.6920, -6.2572,

0.2701

■ 42.6920, -6.2572,  
0.2701

■ 22.5350, -8.1518,  
1.2848

■ 248.1220, -8.4411,  
0.7700

■ 248.1220, -8.4411,  
0.7700

■ 244.3750,  
-18.9189, 1.4251

■ 251.7550, 1.5998,  
0.2149

■ 240.9270,  
-29.5440, 2.6950

■ 252.3530, 1.3050,  
1.4444

■ 237.1800,  
-40.0217, 3.3501

■ 252.6520, 1.1576,  
2.0592

■ 233.7320,  
-50.6469, 4.6200

■ 229.9850,  
-61.1246, 5.2752

■ 226.4230,  
-72.1865, 6.6450

■ 222.6760,  
-82.6643, 7.3001

■ 219.2280,  
-93.2894, 8.5700

■ 215.4810,  
-103.7671, 9.2252

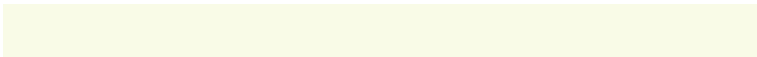
# Harmonies

## Analogous

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



248.0410, -8.8942, 6.1030



248.1220, -8.4411, 0.7700



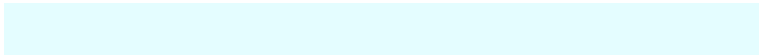
247.2780, -5.0671, -8.1368

# Triad

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



248.1220, -8.4411, 0.7700



245.7530, 4.5588, -15.5694



247.6140, 2.1623, 6.4775

# Complementary

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



248.1220, -8.4411, 0.7700



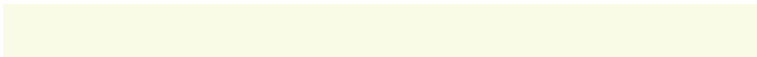
233.8780, 8.4411, -0.7700

# Split Complementary

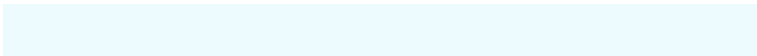
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.5430, 3.1833, 5.6628



248.1220, -8.4411, 0.7700



247.2700, 3.8109, -9.0068

# Square

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



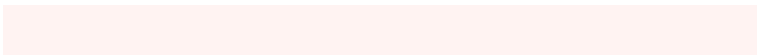
248.1220, -8.4411, 0.7700



246.0300, 4.4222, -18.4433



248.5100, 3.1996, 0.4297

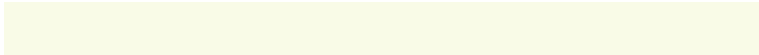


246.4740, -2.2057, 7.4773

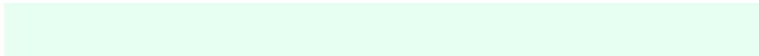


# Rectangle

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



248.1220, -8.4411, 0.7700



246.4560, -1.7038, -13.5549



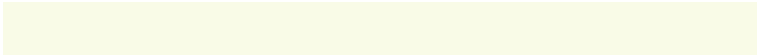
248.5100, 3.1996, 0.4297



247.9560, 3.4727, 6.1776

# Sweetspot

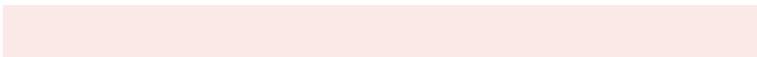
The Sweet Spot groups the original color and five complimentary colors.



248.1220, -8.4411, 0.7700



254.1310, -2.0366, -0.1149



238.1540, -3.5269, 11.2659



127.3590, -1.1630, -0.3148



0.0000, 0.0000, 0.0000

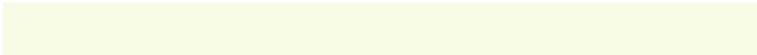


128.0000, 0.0000, 0.0000



# Same Dimension

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



248.1220, -8.4411, 0.7700



251.2530, -10.4777, 0.6551



245.1320, -6.9671, -5.3778



123.2190, -5.5310, 0.6849



161.7730, -79.7541, 7.2151



52.2520, -25.7602, 2.4100



# Inverse Universe

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



233.8780, 8.4411, -0.7700



233.4480, 10.6251, -1.2699



236.8680, 6.9671, 5.3778



114.0800, 5.3836, -0.0702



27.2270, 79.7541, -7.2151



8.7480, 25.7602, -2.4100



# Previews

## White Background



This preview shows how the YUV color 248.1220, -8.4411, 0.7700 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

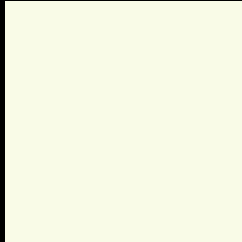
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 248.1220, -8.4411, 0.7700 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

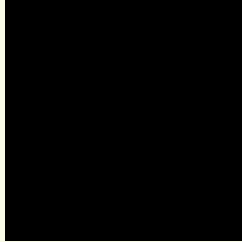
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 248.1220, -8.4411, 0.7700

## Background



This preview shows how black text looks on a background with the YUV color 248.1220, -8.4411, 0.7700.



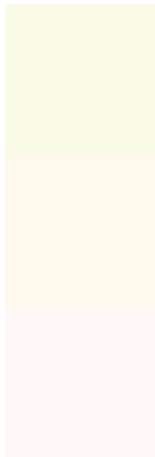
This preview shows how white text looks on a background with the YUV color 248.1220, -8.4411,

0.7700.

# 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

248.1220, -8.4411, 0.7700

### Protanopia

249.4260, -6.1260, 4.8884

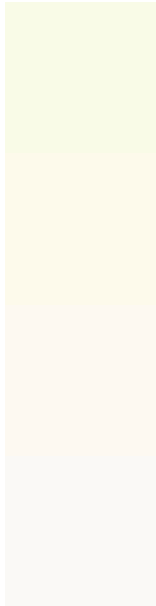
### Deuteranopia

249.8650, -1.9054, 4.5034

## **Tritanopia**

249.6950, 2.6154, 1.1445

# Trichromacy



## Original Color

248.1220, -8.4411, 0.7700

## Protanomaly

249.1870, -6.9942, 3.3440

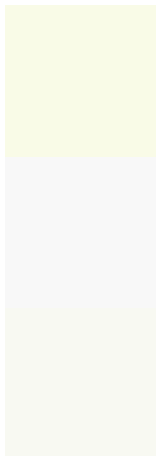
## Deuteranomaly

249.2840, -4.0840, 3.2589

## Tritanomaly

248.9570, -1.4578, 0.9147

# Monochromacy



## Original Color

248.1220, -8.4411, 0.7700

## Achromatopsia

248.0000, 0.0000, 0.0000

## Achromatomaly

247.9030, -2.9102, 0.0851

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 248.1220, -8.4411, 0.7700 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, 251, 231)` looks like.

```
.text, #text, p{  
    color:rgb(249, 251, 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(249, 251, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 251, 231) }
```

## Border

The CSS property to change the border of an element to YUV 248.1220, -8.4411, 0.7700 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, 251, 231) }
```



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

```
.border{ border-color:rgb(249, 251, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 251, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 251, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 251, 231);  
box-shadow:4px 4px 4px 4px rgb(249, 251,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 248.1220, -8.4411, 0.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 251, 231) }
```

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

```
.background{ background-color: rgb(249,  
251, 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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