

# Converting Colors

YUV(243.7470, -6.2843, 8.9919)

Have a look what the booklet for  
YUV(243.7470, -6.2843, 8.9919)  
contains.

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# Color

**YUV(243.7470, -6.2843,  
8.9919)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF1E7
RGB	254, 241, 231
RGB Percent	100%, 95%, 91%
CMY	0.0039, 0.0549, 0.0941
CMYK	0.00, 0.05, 0.09, 0.00
HSL	26°, 92%, 95%
HSV	26°, 9%, 100%
XYZ	86.7522, 89.7509, 88.3526
YIQ	243.7470, 10.9580, -0.3540

# Conversions

## Conversions Part 2

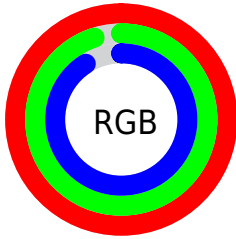
<b>Format</b>	<b>Color</b>
<b>RYB</b>	254, 249, 231
Decimal	16708071
CIELab	95.89, 2.71, 6.37
CIElCh	96, 6.927, 66.962
Yxy	89.7509, 0.3275, 0.3389
Android (android.graphics.Color)	4294898151 (0xFFFEF1E7)
YUV	243.7470, -6.2843, 8.9919
Hunter-Lab	94.7370, -2.3344, 11.0214

# Details

The YUV color  $243.7470, -6.2843, 8.9919$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $241.2530, 6.2843, -8.9919$ , and the grayscale version is  $244.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $187.4480, -6.1369, 8.3771$  is the 20% darker color. If you saturate the color by 10%, you get  $232.6790, -13.1527, 18.6985$ , and if you desaturate by 10%, it is  $254.7010, 0.1474, -0.6148$ .

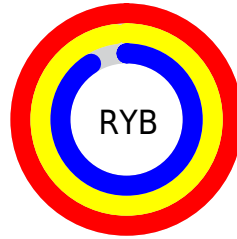
# Distribution



Red (100%)

Green (95%)

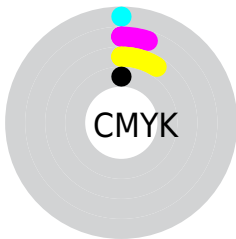
Blue (91%)



Red (100%)

Yellow (98%)

Blue (91%)

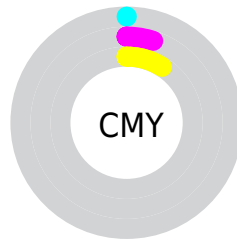


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 243.7470, -6.2843, 8.9919 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 243.7470, -6.2843, 8.9919 by changing the saturation by 10% instead.




 243.7470, -6.2843,  
8.9919

 243.7470, -6.2843,  
8.9919


255.0000, 0.0000,  
0.0000


 215.4480, -6.1369,  
8.3771

 187.4480, -6.1369,  
8.3771

 160.5620, -5.7001,  
8.2771

 134.2630, -5.5527,  
7.6623

 109.2630, -5.5527,  
7.6623

 84.9640, -5.4053,  
7.0476

 61.7790, -4.8210,

6.3328

■ 39.8930, -4.3842,  
6.2328

■ 18.7360, -6.2788,  
7.2475

■ 243.7470, -6.2843,  
8.9919

■ 243.7470, -6.2843,  
8.9919

■ 232.6790,  
-13.1527, 18.6985

254.7010, 0.1474,  
-0.6148

■ 220.9100,  
-20.1686, 29.0199

■ 209.8420,  
-27.0371, 38.7266

■ 198.6600,  
-34.3424, 48.5332

■ 187.0050,  
-40.9215, 58.7546

■ 175.9370,  
-47.7899, 68.4613

■ 164.7550,  
-55.0952, 78.2679

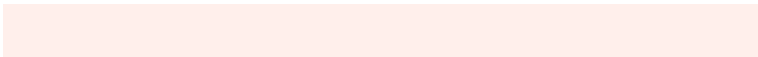
■ 153.1000,  
-61.6743, 88.4893

■ 141.9180,  
-68.9796, 98.2959

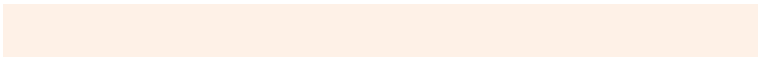
# Harmonies

## Analogous

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



243.3280, -4.1057, 10.2363



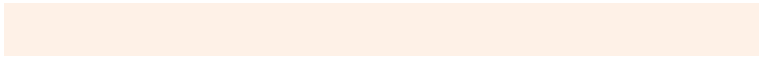
243.7470, -6.2843, 8.9919



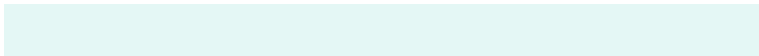
242.7140, -6.2680, 3.7588

# Triad

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



243.7470, -6.2843, 8.9919



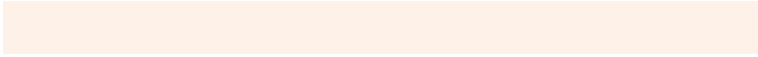
241.0910, 1.9271, -11.4808



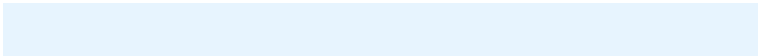
244.2760, 4.7939, 2.3889

# Complementary

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



243.7470, -6.2843, 8.9919



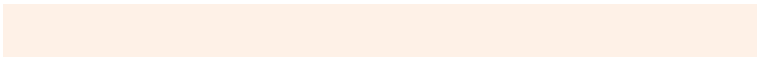
241.2530, 6.2843, -8.9919

# Split Complementary

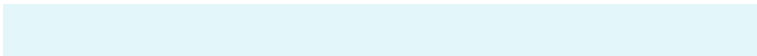
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.8730, 5.9786, -4.2736



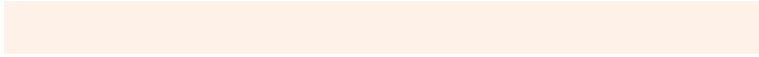
243.7470, -6.2843, 8.9919



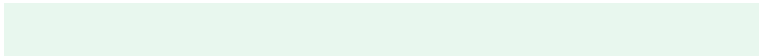
241.4760, 4.6953, -12.6955

# Square

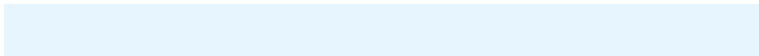
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.7470, -6.2843, 8.9919



241.4890, -1.7201, -8.3219



241.9540, 6.4317, -9.6067

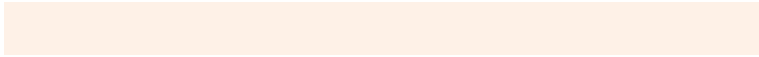


244.6250, 2.1569, 8.2219

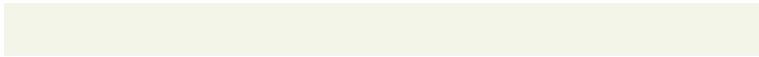


# Rectangle

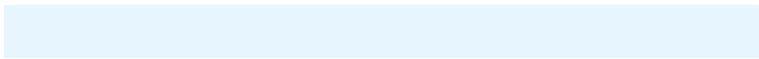
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.7470, -6.2843, 8.9919



242.5070, -5.6730, -0.4446



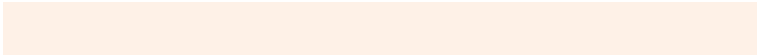
241.9540, 6.4317, -9.6067



244.0800, 5.3836, -0.0702

# Sweetspot

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



243.7470, -6.2843, 8.9919



251.7400, -2.3368, 2.8590



239.3590, 2.2880, 12.8402



125.5550, -1.7526, 2.1443



0.0000, 0.0000, 0.0000

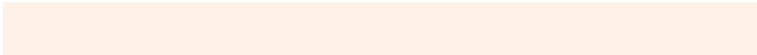


128.0000, 0.0000, 0.0000

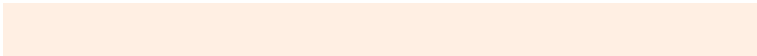


# Same Dimension

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



243.7470, -6.2843, 8.9919



242.4160, -7.6001, 11.0362



250.2040, -9.4676, 3.3291



121.8220, -3.3632, 5.4181



105.8300, -52.1742, 74.6941

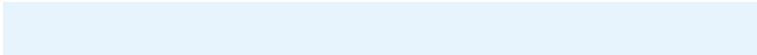


35.5720, -17.5370, 24.9314

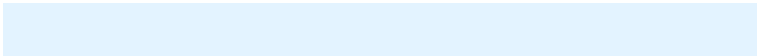


# Inverse Universe

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



241.2530, 6.2843, -8.9919



239.5840, 7.6001, -11.0362



234.7960, 9.4676, -3.3291



120.5910, 3.6526, -4.9033



85.1700, 52.1742, -74.6941

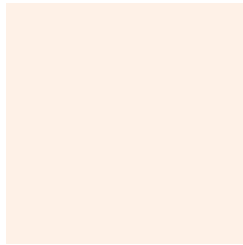


28.4280, 17.5370, -24.9314



# Previews

## White Background



This preview shows how the YUV color 243.7470, -6.2843, 8.9919 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

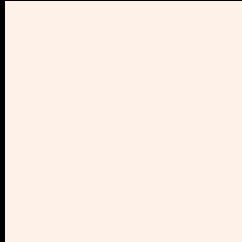
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 243.7470, -6.2843, 8.9919 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 243.7470, -6.2843, 8.9919**

## **Background**



This preview shows how black text looks on a background with the YUV color 243.7470, -6.2843, 8.9919.



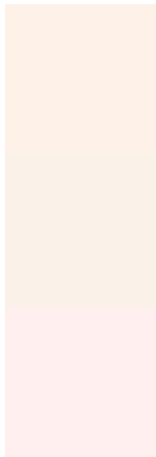
This preview shows how white text looks on a background with the YUV color 243.7470, -6.2843,

8.9919.

# 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

243.7470, -6.2843, 8.9919

### Protanopia

243.2520, -5.5472, 5.9180

### Deuteranopia

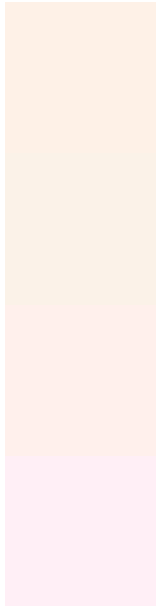
244.3710, -2.6479, 9.3216



## Tritanopia

244.9070, 4.4828, 8.8516

# Trichromacy



## Original Color

243.7470, -6.2843, 8.9919

## Protanomaly

243.5510, -5.6946, 6.5328

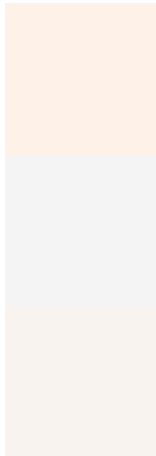
## Deuteranomaly

244.0290, -3.9583, 9.6216

## Tritanomaly

244.5820, 0.6991, 9.1366

# Monochromacy



## Original Color

243.7470, -6.2843, 8.9919

## Achromatopsia

244.0000, 0.0000, 0.0000

## Achromatomaly

244.0390, -2.4842, 3.4738

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 243.7470, -6.2843, 8.9919 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(254, 241, 231)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 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(254, 241, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 231) }
```

## Border

The CSS property to change the border of an element to YUV 243.7470, -6.2843, 8.9919 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(254, 241, 231) }
```



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

```
.border{ border-color:rgb(254, 241, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 243.7470, -6.2843, 8.9919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 231) }
```

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

```
.background{ background-color: rgb(254,  
241, 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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