

# Converting Colors

YUV(247.8930, -4.3842, 6.2328)

Have a look what the booklet for  
YUV(247.8930, -4.3842, 6.2328)  
contains.

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# Color

**YUV(247.8930, -4.3842,  
6.2328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF6EF
RGB	255, 246, 239
RGB Percent	100%, 96%, 94%
CMY	0.0000, 0.0353, 0.0627
CMYK	0.00, 0.04, 0.06, 0.00
HSL	26°, 100%, 97%
HSV	26°, 6%, 100%
XYZ	89.7758, 93.4035, 94.9583
YIQ	247.8930, 7.6110, -0.2690

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 251, 239
Decimal	16774895
CIE Lab	97.39, 1.83, 4.42
CIE LCh	97, 4.782, 67.556
Yxy	93.4035, 0.3228, 0.3358
Android (android.graphics.Color)	4294964975 (0xFFFFF6EF)
YUV	247.8930, -4.3842, 6.2328
Hunter-Lab	96.6455, -3.3177, 9.3969

# Details

The YUV color  $247.8930, -4.3842, 6.2328$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $246.1070, 4.3842, -6.2328$ , 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  $191.5940, -4.2368, 5.6181$  is the 20% darker color. If you saturate the color by 10%, you get  $236.8250, -11.2527, 15.9395$ , and if you desaturate by 10%, it is  $255.0000, 0.0000, 0.0000$ .

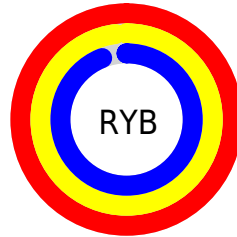
# Distribution



Red (100%)

Green (96%)

Blue (94%)



Red (100%)

Yellow (98%)

Blue (94%)



Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 247.8930, -4.3842, 6.2328 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 247.8930, -4.3842, 6.2328 by changing the saturation by 10% instead.



 247.8930, -4.3842,  
6.2328


 247.8930, -4.3842,  
6.2328


255.0000, 0.0000,  
0.0000


 219.5940, -4.2368,  
5.6181

 191.5940, -4.2368,  
5.6181

 164.5940, -4.2368,  
5.6181

 137.7080, -3.8000,  
5.5181

 112.7080, -3.8000,  
5.5181

 88.4090, -3.6526,  
4.9033

 65.1100, -3.5052,

4.2885

■ 43.1100, -3.5052,  
4.2885

■ 22.1100, -3.5052,  
4.2885

■ 247.8930, -4.3842,  
6.2328

■ 247.8930, -4.3842,  
6.2328

■ 236.8250,  
-11.2527, 15.9395

255.0000, 0.0000,  
0.0000

■ 225.0560,  
-18.2686, 26.2609

■ 213.9880,  
-25.1371, 35.9675

■ 202.8060,  
-32.4424, 45.7741

■ 191.1510,  
-39.0214, 55.9956

■ 179.9690,  
-46.3267, 65.8022

■ 168.7870,  
-53.6320, 75.6088

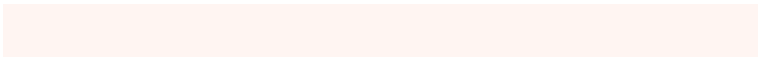
■ 157.1320,  
-60.2111, 85.8302

■ 145.9500,  
-67.5163, 95.6369

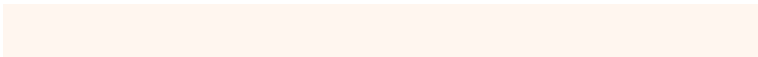
# Harmonies

## Analogous

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



247.6480, -2.7845, 6.4477



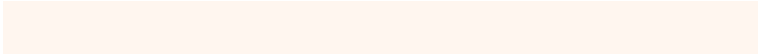
247.8930, -4.3842, 6.2328



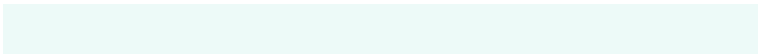
247.4580, -4.6628, 2.2293

# Triad

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



247.8930, -4.3842, 6.2328



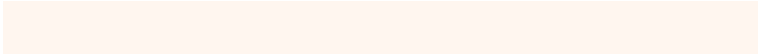
245.8850, 1.0427, -7.7921



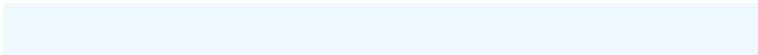
248.2220, 3.3416, 1.5593

# Complementary

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



247.8930, -4.3842, 6.2328



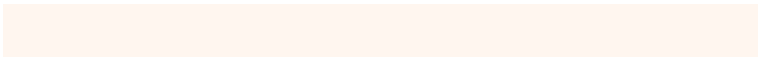
246.1070, 4.3842, -6.2328

# Split Complementary

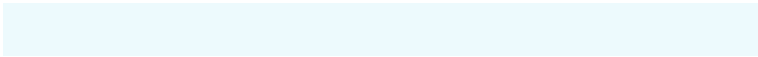
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.0150, 3.9366, -2.6442



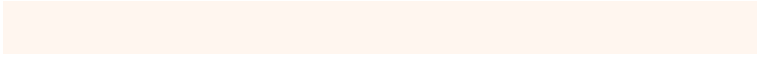
247.8930, -4.3842, 6.2328



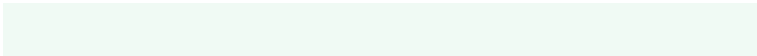
246.4550, 3.2267, -8.2920

# Square

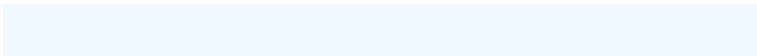
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.8930, -4.3842, 6.2328



246.3260, -1.1467, -5.5479



246.6940, 4.0949, -6.7476

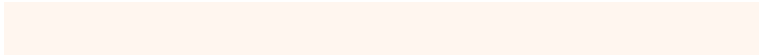


248.6740, 1.1467, 5.5479



# Rectangle

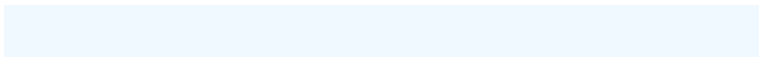
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247.8930, -4.3842, 6.2328



247.2620, -4.0732, -0.2298



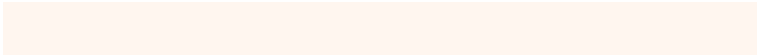
246.6940, 4.0949, -6.7476



247.6240, 3.6364, 0.3298

# Sweetspot

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



247.8930, -4.3842, 6.2328



252.6690, -1.3158, 2.0443



244.8100, 1.5727, 8.9366



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000

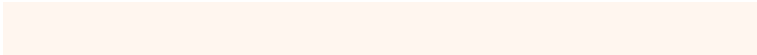


128.0000, 0.0000, 0.0000

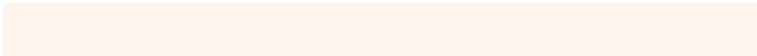


# Same Dimension

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



247.8930, -4.3842, 6.2328



246.2630, -5.5527, 7.6623



252.5890, -6.6994, 2.1144



121.8220, -3.3632, 5.4181



106.4170, -52.4636, 74.1793



35.5720, -17.5370, 24.9314



# Inverse Universe

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



246.1070, 4.3842, -6.2328



243.7370, 5.5527, -7.6623



241.4110, 6.6994, -2.1144



120.5910, 3.6526, -4.9033



85.1700, 52.1742, -74.6941

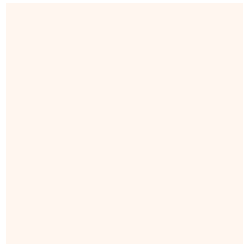


28.4280, 17.5370, -24.9314



# Previews

## White Background



This preview shows how the YUV color 247.8930, -4.3842, 6.2328 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

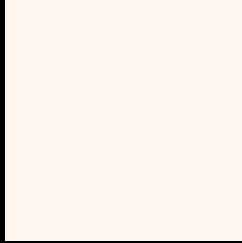
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 247.8930, -4.3842, 6.2328 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

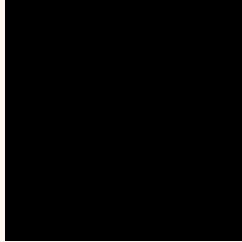
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 247.8930, -4.3842, 6.2328

## Background



This preview shows how black text looks on a background with the YUV color 247.8930, -4.3842, 6.2328.



This preview shows how white text looks on a background with the YUV color 247.8930, -4.3842,



# 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**

247.8930, -4.3842, 6.2328

**Protanopia**

247.5940, -4.2368, 5.6181

**Deuteranopia**

248.1040, -1.0373, 6.0478



## Tritanopia

248.5320, 3.1887, 3.9184

# Trichromacy



**Original Color**

247.8930, -4.3842, 6.2328

**Protanomaly**

247.5940, -4.2368, 5.6181

**Deuteranomaly**

247.7620, -2.3477, 6.3477

**Tritanomaly**

248.1470, 0.4205, 5.1331

# Monochromacy



**Original Color**

247.8930, -4.3842, 6.2328

**Achromatopsia**

248.0000, 0.0000, 0.0000

**Achromatomaly**

247.9680, -1.4632, 2.6591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 247.8930, -4.3842, 6.2328 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(255, 246, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 239)  
}
```

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(255, 246, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 239) }
```

## Border

The CSS property to change the border of an element to YUV 247.8930, -4.3842, 6.2328 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(255, 246, 239) }
```



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

```
.border{ border-color:rgb(255, 246, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 246, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 246, 239); box-shadow:4px 4px 4px 4px rgb(255, 246, 239) }
```

# Background

The CSS property to change the background color of an element to YUV 247.8930, -4.3842, 6.2328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 239) }
```

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

```
.background{ background-color: rgb(255,  
246, 239) }
```

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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