

# Converting Colors

YUV(243.4370, -6.1314, 6.6328)

Have a look what the booklet for  
YUV(243.4370, -6.1314, 6.6328)  
contains.

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# Color

**YUV(243.4370, -6.1314,  
6.6328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF2E7
RGB	251, 242, 231
RGB Percent	98%, 95%, 91%
CMY	0.0157, 0.0510, 0.0941
CMYK	0.00, 0.04, 0.08, 0.02
HSL	33°, 71%, 95%
HSV	33°, 8%, 98%
XYZ	85.9596, 89.7830, 88.4006
YIQ	243.4370, 8.8950, -1.5130

# Conversions

## Conversions Part 2

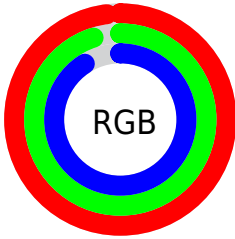
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 251, 231
Decimal	16511719
CIE Lab	95.91, 1.17, 6.36
CIE LCh	96, 6.471, 79.565
Yxy	89.7830, 0.3254, 0.3399
Android (android.graphics.Color)	4294701799 (0xFFFBF2E7)
YUV	243.4370, -6.1314, 6.6328
Hunter-Lab	94.7539, -3.8863, 11.0132

# Details

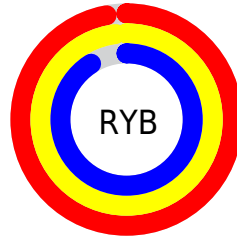
The YUV color  $243.4370, -6.1314, 6.6328$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $238.5630, 6.1314, -6.6328$ , and the grayscale version is  $243.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $187.1380, -5.9840, 6.0180$  is the 20% darker color. If you saturate the color by 10%, you get  $234.1300, -13.8681, 14.7950$ , and if you desaturate by 10%, it is  $252.6300, 1.1684, -1.4295$ .

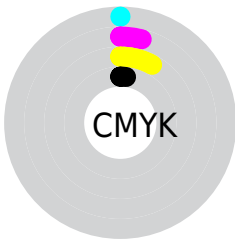
# Distribution



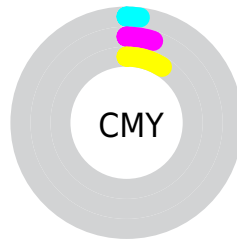
- Red (98%)
- Green (95%)
- Blue (91%)



- Red (97%)
- Yellow (98%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 243.4370, -6.1314, 6.6328 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 243.4370, -6.1314, 6.6328 by changing the saturation by 10% instead.




 243.4370, -6.1314,  
6.6328


 243.4370, -6.1314,  
6.6328

255.0000, 0.0000,  
0.0000


 215.1380, -5.9840,  
6.0180

 187.1380, -5.9840,  
6.0180

 160.2520, -5.5472,  
5.9180

 134.2520, -5.5472,  
5.9180

 108.9530, -5.3998,  
5.3032

 84.3660, -5.1104,  
5.8180

 61.1810, -4.5262,

5.1033

■ 39.8820, -4.3788,  
4.4885

■ 18.7250, -6.2734,  
5.5032

■ 243.4370, -6.1314,  
6.6328

■ 243.4370, -6.1314,  
6.6328

■ 234.1300,  
-13.8681, 14.7950

■ 252.6300, 1.1684,  
-1.4295

■ 224.2360,  
-21.3153, 23.4720

■ 253.8040, 0.5896,  
-2.4591

■ 214.9290,  
-29.0520, 31.6343

■ 205.6220,  
-36.7886, 39.7965

■ 196.3150,  
-44.5253, 47.9587

■ 186.3070,  
-52.4094, 56.7358

■ 177.0000,  
-60.1460, 64.8980

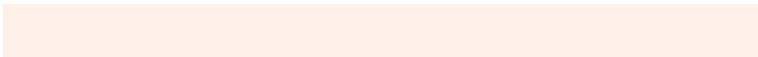
■ 167.6930,  
-67.8826, 73.0602

■ 157.7990,  
-75.3299, 81.7373

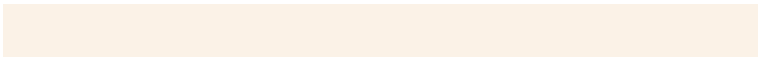
# Harmonies

## Analogous

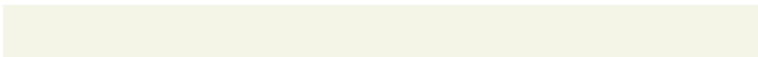
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.8010, -4.8319, 9.8215



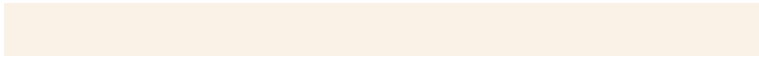
243.4370, -6.1314, 6.6328



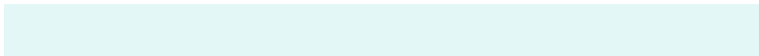
242.5180, -5.6784, 1.2997

# Triad

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



243.4370, -6.1314, 6.6328



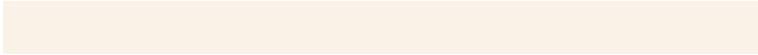
241.3190, 2.8007, -11.6808



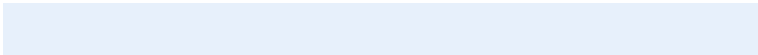
243.9450, 3.4781, 4.4332

# Complementary

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



243.4370, -6.1314, 6.6328



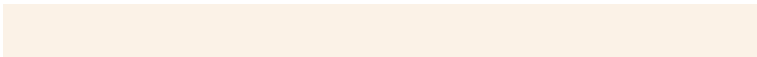
238.5630, 6.1314, -6.6328

# Split Complementary

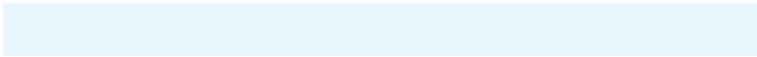
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.4820, 5.6784, -1.2997



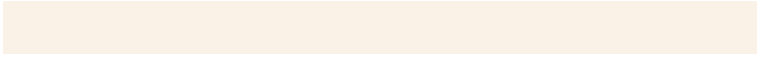
243.4370, -6.1314, 6.6328



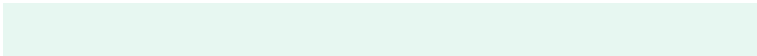
241.9000, 4.9793, -10.4363

# Square

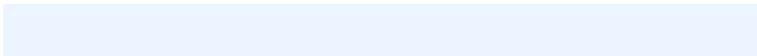
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.4370, -6.1314, 6.6328



241.5320, -0.2623, -9.2366



242.5630, 6.1314, -6.6328

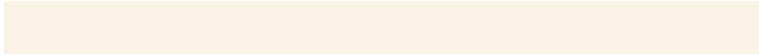


244.5820, 0.6991, 9.1366



# Rectangle

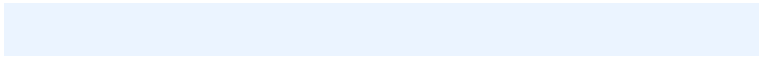
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.4370, -6.1314, 6.6328



241.8380, -4.3571, -2.4889



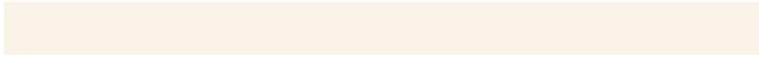
242.5630, 6.1314, -6.6328



244.1620, 4.3571, 2.4889

# Sweetspot

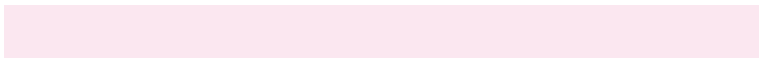
The Sweet Spot groups the original color and five complimentary colors.



243.4370, -6.1314, 6.6328



253.2560, -1.6052, 1.5295



238.0060, 0.9830, 11.3957



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000

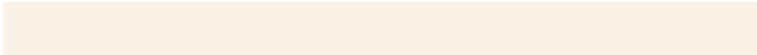


128.0000, 0.0000, 0.0000

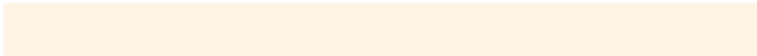


# Same Dimension

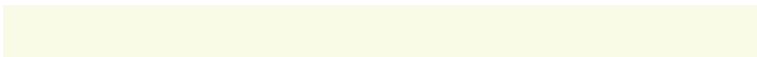
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.4370, -6.1314, 6.6328



245.6930, -7.7366, 8.1622



248.4210, -8.5886, 1.3848



119.9960, -3.9420, 4.3885



117.5590, -57.9566, 62.6538

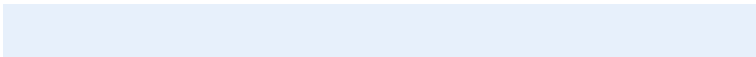


38.1970, -18.8311, 19.9982

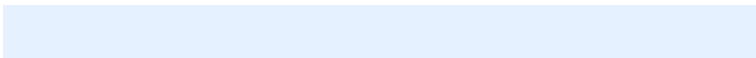


# Inverse Universe

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



238.5630, 6.1314, -6.6328



239.3070, 7.7366, -8.1622



233.5790, 8.5886, -1.3848



117.0040, 3.9420, -4.3885



71.4410, 57.9566, -62.6538

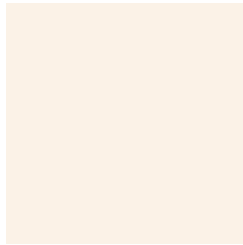


23.3900, 18.5417, -20.5130



# Previews

## White Background



This preview shows how the YUV color 243.4370, -6.1314, 6.6328 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

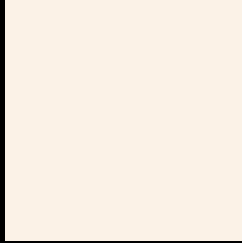
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 243.4370, -6.1314, 6.6328 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

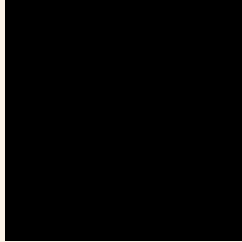
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 243.4370, -6.1314, 6.6328

## Background



This preview shows how black text looks on a background with the YUV color 243.4370, -6.1314, 6.6328.



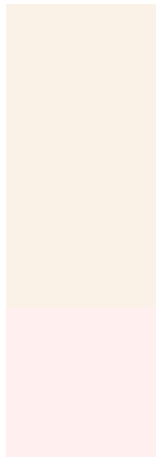
This preview shows how white text looks on a background with the YUV color 243.4370, -6.1314,

6.6328.

# 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

243.4370, -6.1314, 6.6328

### Protanopia

243.1380, -5.9840, 6.0180

### Deuteranopia

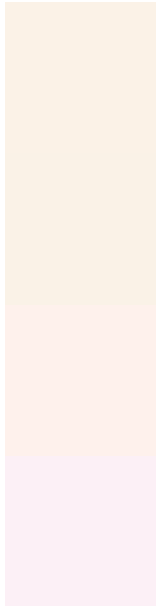
244.3710, -2.6479, 9.3216



## Tritanopia

245.0100, 4.9251, 7.0072

# Trichromacy



## Original Color

243.4370, -6.1314, 6.6328

## Protanomaly

243.1380, -5.9840, 6.0180

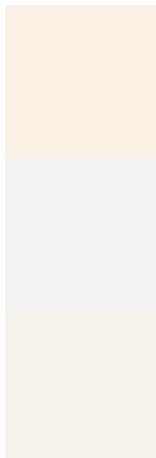
## Deuteranomaly

244.3170, -4.1003, 8.4920

## Tritanomaly

244.2720, 0.8519, 6.7775

# Monochromacy



## Original Color

243.4370, -6.1314, 6.6328

## Achromatopsia

243.0000, 0.0000, 0.0000

## Achromatomaly

243.4410, -2.1894, 2.2442

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 243.4370, -6.1314, 6.6328 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(251, 242, 231)` looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 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(251, 242, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 231) }
```

## Border

The CSS property to change the border of an element to YUV 243.4370, -6.1314, 6.6328 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(251, 242, 231) }
```



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

```
.border{ border-color:rgb(251, 242, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 242, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 231);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 243.4370, -6.1314, 6.6328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 242, 231) }
```

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

```
.background{ background-color: rgb(251,  
242, 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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