

# Converting Colors

YUV(243.9060, -31.0127,  
7.0984)

Have a look what the booklet for  
YUV(243.9060, -31.0127, 7.0984)  
contains.

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# Color

**YUV(243.9060, -31.0127,  
7.0984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFCB5
RGB	252, 252, 181
RGB Percent	99%, 99%, 71%
CMY	0.0118, 0.0118, 0.2902
CMYK	0.00, 0.00, 0.28, 0.01
HSL	60°, 92%, 85%
HSV	60°, 28%, 99%
XYZ	83.2958, 93.6524, 57.4026
YIQ	243.9060, 22.7910, -22.0810

# Conversions

## Conversions Part 2

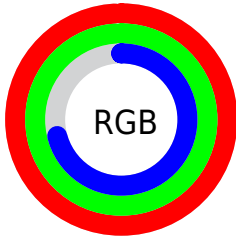
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	181, 252, 181
Decimal	16579765
CIE Lab	97.49, -10.71, 34.11
CIE LCh	97, 35.749, 107.429
Yxy	93.6524, 0.3554, 0.3996
Android (android.graphics.Color)	4294769845 (0xFFFFFCB5)
YUV	243.9060, -31.0127, 7.0984
Hunter-Lab	96.7742, -15.7158, 32.5734

# Details

The YUV color **243.9060, -31.0127, 7.0984** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **189.0940, 31.0127, -7.0984**, and the grayscale version is **244.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9480, -7.8624, 1.7996**, and **187.8350, -29.9917, 6.2837** is the 20% darker color. If you saturate the color by 10%, you get **241.0560, -41.9326, 9.5979**, and if you desaturate by 10%, it is **246.7560, -20.0927, 4.5990**.

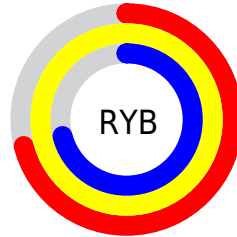
# Distribution



Red (99%)

Green (99%)

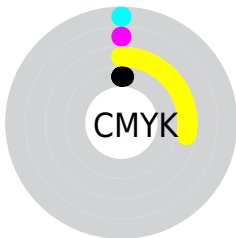
Blue (71%)



Red (71%)

Yellow (99%)

Blue (71%)

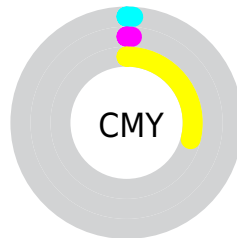


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (1%)



Cyan (1%)

Magenta (1%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 243.9060, -31.0127, 7.0984 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 243.9060, -31.0127, 7.0984 by changing the saturation by 10% instead.



243.9060,  
-31.0127, 7.0984

243.9060,  
-31.0127, 7.0984

255.0000, 0.0000,  
0.0000

215.1340,  
-30.1391, 6.8985

252.9480, -7.8624,  
1.7996

187.8350,  
-29.9917, 6.2837

160.1770,  
-28.6813, 5.9838

133.9920,  
-28.0971, 5.2690

108.2200,  
-27.2235, 5.0691

83.7360, -26.4918,  
3.7395

59.3230, -26.7812,

3.2247

■ 39.2610, -19.3557,  
1.5251

■ 19.4480, -9.5879,  
-4.7779

■ 243.9060,  
-31.0127, 7.0984

■ 243.9060,  
-31.0127, 7.0984

■ 241.0560,  
-41.9326, 9.5979

■ 246.7560,  
-20.0927, 4.5990

■ 238.2060,  
-52.8526, 12.0973

■ 249.6060, -9.1728,  
2.0995

■ 235.2420,  
-64.2093, 14.6968

■ 252.3420, 1.3104,  
-0.2999

■ 232.3920,  
-75.1293, 17.1962

■ 229.5420,  
-86.0492, 19.6957

■ 226.6920,  
-96.9692, 22.1951

■ 223.8420,  
-107.8891, 24.6946

■ 223.2720,  
-110.0731, 25.1945

# Harmonies

## Analogous

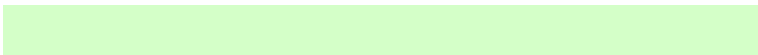
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.2320, -28.7084, 14.7055



243.9060, -31.0127, 7.0984



235.8730, -17.6854, -20.9366

# Triad

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



243.9060, -31.0127, 7.0984



223.0070, 15.7725, -65.7811



236.8030, 8.9711, 15.9588

# Complementary

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



243.9060, -31.0127, 7.0984



189.0940, 31.0127, -7.0984

# 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.



241.4990, 6.6560, 11.8404



243.9060, -31.0127, 7.0984



233.7710, 10.4659, -43.6492

# Square

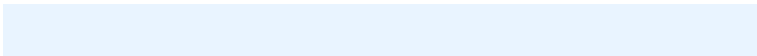
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.9060, -31.0127, 7.0984



222.4090, 16.0674, -67.0107



241.9650, 6.4263, -7.8623



233.2520, -2.0962, 19.0730

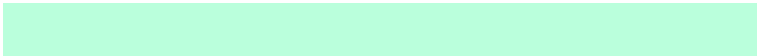


# Rectangle

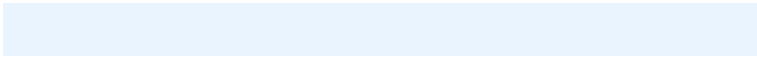
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.9060, -31.0127, 7.0984



230.3790, -5.1168, -38.9204



241.9650, 6.4263, -7.8623



237.9770, 8.3923, 14.9292

# Sweetspot

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



243.9060, -31.0127, 7.0984



252.7200, -8.7360, 1.9996



202.2290, -10.4659, 43.6492



126.5180, -5.6784, 1.2997



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

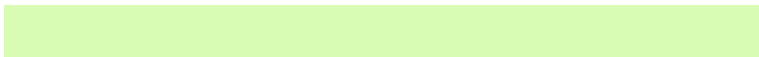
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.9060, -31.0127, 7.0984



245.0820, -38.0014, 8.6981



233.4410, -25.8534, -14.4188



123.5180, -5.6784, 1.2997



167.4540, -82.5548, 18.8958



54.0460, -26.6447, 6.0987



# Inverse Universe

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



189.0940, 31.0127, -7.0984



177.9180, 38.0014, -8.6981



199.8580, 25.7060, 15.0335



113.4820, 5.6784, -1.2997



21.5460, 82.5548, -18.8958

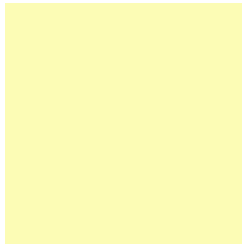


6.9540, 26.6447, -6.0987



# Previews

## White Background



This preview shows how the YUV color 243.9060, -31.0127, 7.0984 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

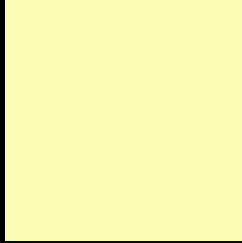
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 243.9060, -31.0127, 7.0984 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

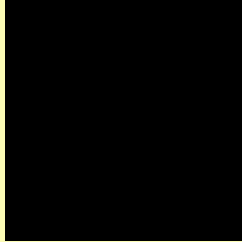
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 243.9060, -31.0127, 7.0984

## Background



This preview shows how black text looks on a background with the YUV color 243.9060, -31.0127, 7.0984.



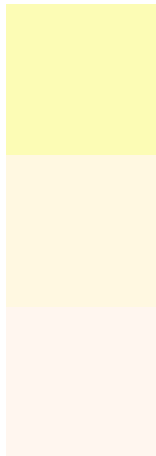
This preview shows how white text looks on a background with the YUV color 243.9060, -31.0127, 7.0984.



# 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

243.9060, -31.0127, 7.0984

### Protanopia

247.4710, -11.0782, 6.6029

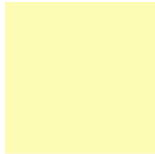
### Deuteranopia

247.8930, -4.3842, 6.2328

## **Tritanopia**

249.0160, 2.4571, 5.2480

# Trichromacy



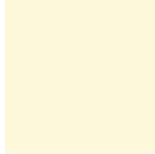
## Original Color

243.9060, -31.0127, 7.0984



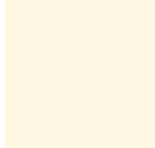
## Protanomaly

245.9350, -18.2090, 7.0730



## Deuteranomaly

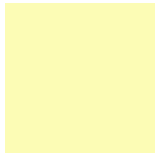
246.3740, -13.9884, 6.6880



## Tritanomaly

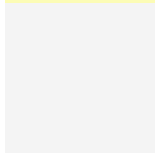
247.4000, -10.0572, 5.7882

# Monochromacy



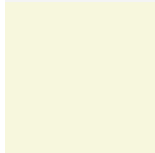
## Original Color

243.9060, -31.0127, 7.0984



## Achromatopsia

244.0000, 0.0000, 0.0000



## Achromatomaly

244.0360, -11.3567, 2.5994

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 243.9060, -31.0127, 7.0984 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(252, 252, 181)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 181)  
}
```

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(252, 252, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 181) }
```

## Border

The CSS property to change the border of an element to YUV 243.9060, -31.0127, 7.0984 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(252, 252, 181) }
```



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

```
.border{ border-color:rgb(252, 252, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 181);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 243.9060, -31.0127, 7.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 181) }
```

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

```
.background{ background-color: rgb(252,  
252, 181) }
```

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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