

# Converting Colors

YUV(247.0620, -7.4256, 1.6996)

Have a look what the booklet for  
YUV(247.0620, -7.4256, 1.6996)  
contains.

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# Color

**YUV(247.0620, -7.4256,  
1.6996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9F9E8
RGB	249, 249, 232
RGB Percent	98%, 98%, 91%
CMY	0.0235, 0.0235, 0.0902
CMYK	0.00, 0.00, 0.07, 0.02
HSL	60°, 59%, 94%
HSV	60°, 7%, 98%
XYZ	87.5081, 93.7173, 89.8210
YIQ	247.0620, 5.4570, -5.2870

# Conversions

## Conversions Part 2

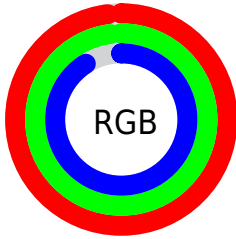
Format	Color
R <sub>Y</sub> B	232, 249, 232
Decimal	16382440
CIE Lab	97.52, -2.89, 8.15
CIE LCh	98, 8.644, 109.510
Yxy	93.7173, 0.3229, 0.3458
Android (android.graphics.Color)	4294572520 (0xFFFF9F9E8)
YUV	247.0620, -7.4256, 1.6996
Hunter-Lab	96.8077, -8.0606, 12.7544

# Details

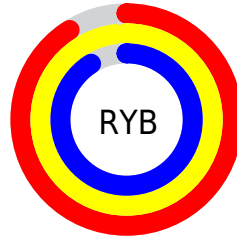
The YUV color **247.0620, -7.4256, 1.6996** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **233.9380, 7.4256, -1.6996**, and the grayscale version is **247.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **191.0620, -7.4256, 1.6996** is the 20% darker color. If you saturate the color by 10%, you get **244.2120, -18.3455, 4.1991**, and if you desaturate by 10%, it is **249.6840, 2.6208, -0.5999**.

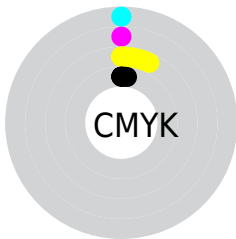
# Distribution



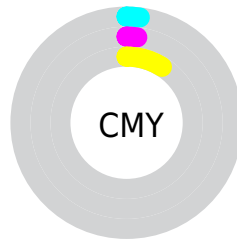
- Red (98%)
- Green (98%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



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

# Brightness & Saturation Gradients

These gradients show how the YUV color 247.0620, -7.4256, 1.6996 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 247.0620, -7.4256, 1.6996 by changing the saturation by 10% instead.




 247.0620, -7.4256,  
1.6996

 247.0620, -7.4256,  
1.6996

255.0000, 0.0000,  
0.0000


 218.1760, -6.9888,  
1.5996

 191.0620, -7.4256,  
1.6996

 163.2900, -6.5520,  
1.4997

 137.2900, -6.5520,  
1.4997

 112.2900, -6.5520,  
1.4997

 87.4040, -6.1152,  
1.3997

 64.4040, -6.1152,

1.3997

■ 42.2190, -5.5310,  
0.6849

■ 21.4750, -7.1362,  
2.2144

■ 247.0620, -7.4256,  
1.6996

■ 247.0620, -7.4256,  
1.6996

■ 244.2120,  
-18.3455, 4.1991

■ 249.6840, 2.6208,  
-0.5999

■ 241.3620,  
-29.2655, 6.6985

■ 238.5120,  
-40.1854, 9.1980

■ 235.6620,  
-51.1054, 11.6974

■ 232.9260,  
-61.5885, 14.0969

■ 230.0760,  
-72.5085, 16.5963

■ 227.2260,  
-83.4284, 19.0958

■ 224.3760,  
-94.3484, 21.5952

■ 221.5260,  
-105.2683, 24.0947

# Harmonies

## Analogous

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



246.9810, -7.8786, 7.0327



247.0620, -7.4256, 1.6996



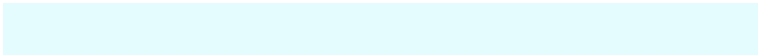
245.8160, -4.3463, -5.9776

# Triad

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



247.0620, -7.4256, 1.6996



245.4650, 4.7008, -14.4398



247.5000, 1.7255, 6.5775

# Complementary

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



247.0620, -7.4256, 1.6996



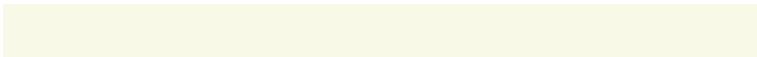
233.9380, 7.4256, -1.6996

# Split Complementary

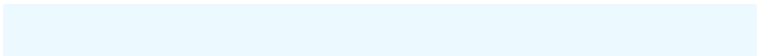
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.5430, 3.1833, 5.6628



247.0620, -7.4256, 1.6996



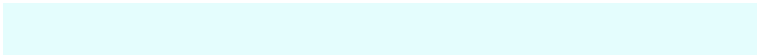
245.7970, 4.5371, -8.5920

# Square

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



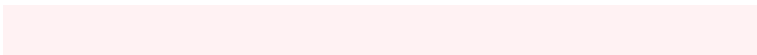
247.0620, -7.4256, 1.6996



245.5250, 3.6852, -15.3694



247.6130, 3.6418, -1.4146



246.0010, -1.4795, 7.8921



# Rectangle

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



247.0620, -7.4256, 1.6996



245.4780, -1.7147, -10.0662



247.6130, 3.6418, -1.4146



247.8420, 3.0359, 6.2776

# Sweetspot

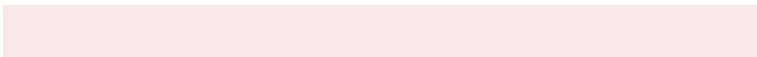
The Sweet Spot groups the original color and five complimentary colors.



247.0620, -7.4256, 1.6996



254.4300, -2.1840, 0.4999



237.0830, -2.5059, 10.4512



127.6580, -1.3104, 0.2999



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.



247.0620, -7.4256, 1.6996



252.7200, -8.7360, 1.9996



244.6700, -6.2463, -3.2186



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.



233.9380, 7.4256, -1.6996



237.2800, 8.7360, -1.9996



236.6290, 6.0989, 3.8334



113.4820, 5.6784, -1.2997



21.5460, 82.5548, -18.8958

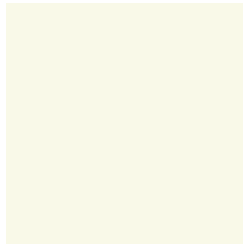


6.9540, 26.6447, -6.0987



# Previews

## White Background



This preview shows how the YUV color 247.0620, -7.4256, 1.6996 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

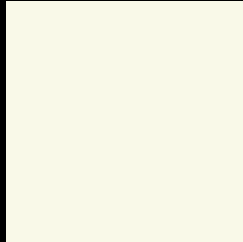
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 247.0620, -7.4256, 1.6996 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

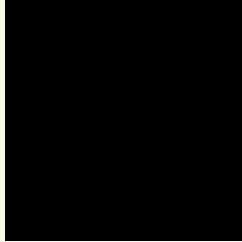
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 247.0620, -7.4256, 1.6996

## Background



This preview shows how black text looks on a background with the YUV color 247.0620, -7.4256, 1.6996.



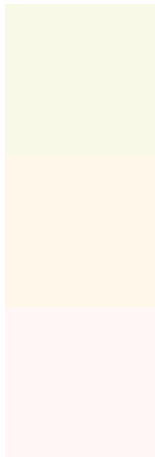
This preview shows how white text looks on a background with the YUV color 247.0620, -7.4256,

1.6996.

# 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

247.0620, -7.4256, 1.6996

### Protanopia

247.7960, -7.2944, 6.3179

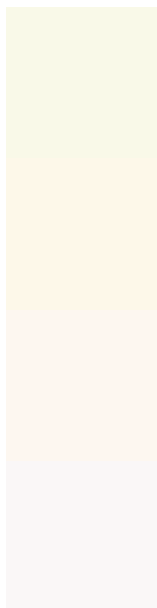
### Deuteranopia

248.5770, -1.7635, 5.6330

## **Tritanopia**

248.2220, 3.3416, 1.5593

# Trichromacy



## Original Color

247.0620, -7.4256, 1.6996

## Protanomaly

247.7850, -7.2890, 4.5736

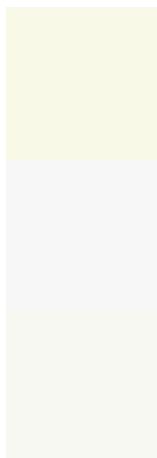
## Deuteranomaly

247.9960, -3.9420, 4.3885

## Tritanomaly

247.8970, -0.4422, 1.8443

# Monochromacy



## Original Color

247.0620, -7.4256, 1.6996

## Achromatopsia

247.0000, 0.0000, 0.0000

## Achromatomaly

247.3160, -2.6208, 0.5999

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 247.0620, -7.4256, 1.6996 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, 249, 232)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 232)  
}
```

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, 249, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 232) }
```

## Border

The CSS property to change the border of an element to YUV 247.0620, -7.4256, 1.6996 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, 249, 232) }
```



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

```
.border{ border-color:rgb(249, 249, 232) }
```

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

Here you see how a box with a 4 pixel rgb(249, 249, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 232);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
232) }
```

# Background

The CSS property to change the background color of an element to YUV 247.0620, -7.4256, 1.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 232) }
```

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

```
.background{ background-color: rgb(249,  
249, 232) }
```

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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