

# Converting Colors

YUV(246.8040, -16.1724,  
7.1879)

Have a look what the booklet for  
YUV(246.8040, -16.1724, 7.1879)  
contains.

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# Color

**YUV(246.8040, -16.1724,  
7.1879)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFF9D6
RGB	255, 249, 214
RGB Percent	100%, 98%, 84%
CMY	0.0000, 0.0235, 0.1608
CMYK	0.00, 0.02, 0.16, 0.00
HSL	51°, 100%, 92%
HSV	51°, 16%, 100%
XYZ	87.2533, 93.8664, 77.1376
YIQ	246.8040, 14.8110, -9.6130

# Conversions

## Conversions Part 2

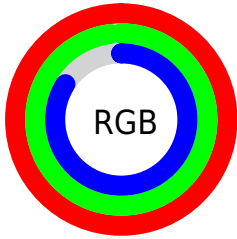
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 255, 214
Decimal	16775638
CIE Lab	97.58, -3.62, 17.53
CIE LCh	98, 17.902, 101.663
Yxy	93.8664, 0.3379, 0.3635
Android (android.graphics.Color)	4294965718 (0xFFFFF9D6)
YUV	246.8040, -16.1724, 7.1879
Hunter-Lab	96.8847, -8.7930, 20.6138

# Details

The YUV color  $246.8040, -16.1724, 7.1879$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $222.1960, 16.1724, -7.1879$ , 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  $190.6190, -15.5882, 6.4731$  is the 20% darker color. If you saturate the color by 10%, you get  $241.6060, -25.9348, 11.7465$ , and if you desaturate by 10%, it is  $252.1160, -5.9732, 2.5293$ .

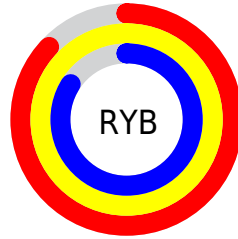
# Distribution



Red (100%)

Green (98%)

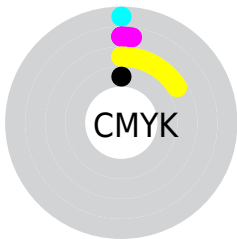
Blue (84%)



Red (87%)

Yellow (100%)

Blue (84%)

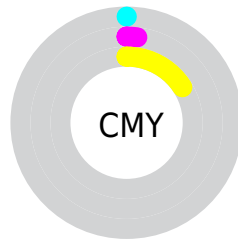


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 246.8040, -16.1724, 7.1879 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 246.8040, -16.1724, 7.1879 by changing the saturation by 10% instead.



246.8040,  
-16.1724, 7.1879

246.8040,  
-16.1724, 7.1879

255.0000, 0.0000,  
0.0000

217.9180,  
-15.7356, 7.0879

190.6190,  
-15.5882, 6.4731

163.7330,  
-15.1514, 6.3732

136.9610,  
-14.2778, 6.1732

111.6620,  
-14.1304, 5.5584

86.8900, -13.2568,  
5.3585

63.7050, -12.6726,

4.6437

■ 41.5200, -12.0884,  
3.9290

■ 21.8620, -10.7780,  
3.6290

■ 246.8040,  
-16.1724, 7.1879

■ 246.8040,  
-16.1724, 7.1879

■ 241.6060,  
-25.9348, 11.7465

■ 252.1160, -5.9732,  
2.5293

■ 236.8810,  
-36.4233, 15.8904

255.0000, 0.0000,  
0.0000

■ 231.6830,  
-46.1857, 20.4490

■ 226.3710,  
-56.3849, 25.1076

■ 221.1730,  
-66.1473, 29.6663

■ 216.4480,  
-76.6359, 33.8101

■ 211.1360,  
-86.8350, 38.4687

■ 205.9380,  
-96.5974, 43.0274

■ 204.2110,  
-100.6760, 44.5420

# Harmonies

## Analogous

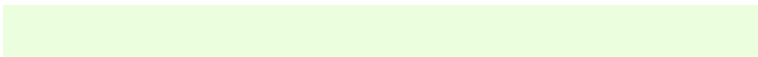
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.3960, -13.9992, 10.1767



246.8040, -16.1724, 7.1879



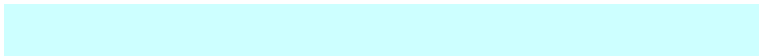
244.6710, -11.1768, -8.4815

# Triad

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



246.8040, -16.1724, 7.1879



240.0500, 7.3704, -30.7388



244.4340, 5.2090, 9.2664

# Complementary

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



246.8040, -16.1724, 7.1879



222.1960, 16.1724, -7.1879

# 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.



246.7820, 4.0515, 7.2072



246.8040, -16.1724, 7.1879



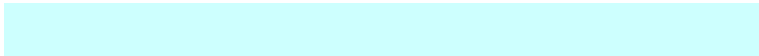
242.4640, 6.1802, -22.3319

# Square

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



246.8040, -16.1724, 7.1879



239.9360, 6.9336, -30.6389



245.2210, 4.8210, -6.3328

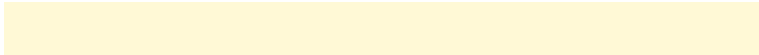


242.3650, -0.1799, 11.0809

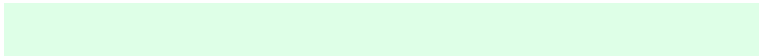


# Rectangle

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



246.8040, -16.1724, 7.1879



242.3970, -5.6187, -17.8882



245.2210, 4.8210, -6.3328



245.0210, 4.9196, 8.7516

# Sweetspot

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



246.8040, -16.1724, 7.1879



252.3440, -5.0996, 2.3293



226.9430, -3.4229, 24.6060



125.9140, -2.9156, 1.8294



0.0000, 0.0000, 0.0000

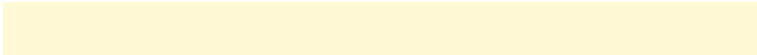


128.0000, 0.0000, 0.0000



# Same Dimension

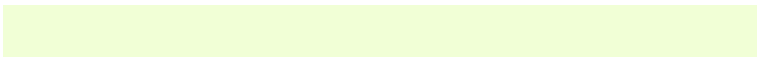
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.8040, -16.1724, 7.1879



245.4190, -18.9406, 8.4025



246.1400, -15.8450, -4.5078



125.3440, -5.0996, 2.3293



152.7900, -75.3255, 33.5102



50.8340, -25.0612, 11.5466



# Inverse Universe

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



222.1960, 16.1724, -7.1879



216.5810, 18.9406, -8.4025



222.8600, 15.8450, 4.5078



117.6560, 5.0996, -2.3293



38.2100, 75.3255, -33.5102

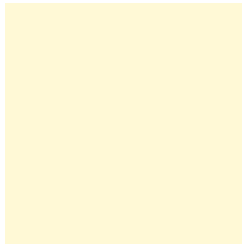


12.5790, 25.3506, -11.0318



# Previews

## White Background



This preview shows how the YUV color 246.8040, -16.1724, 7.1879 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

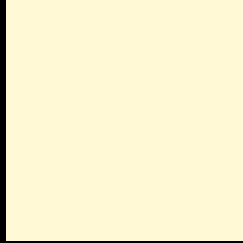
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 246.8040, -16.1724, 7.1879 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

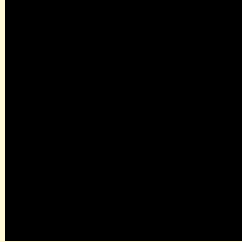
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 246.8040, -16.1724, 7.1879

## Background



This preview shows how black text looks on a background with the YUV color 246.8040, -16.1724, 7.1879.



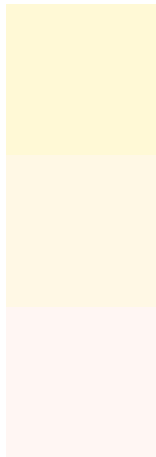
This preview shows how white text looks on a background with the YUV color 246.8040, -16.1724, 7.1879.

7.1879.

# 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

246.8040, -16.1724, 7.1879

### Protanopia

247.9270, -9.3310, 6.2030

### Deuteranopia

248.3490, -2.6371, 5.8329



## Tritanopia

249.1300, 2.8939, 5.1480

# Trichromacy



## Original Color

246.8040, -16.1724, 7.1879

## Protanomaly

247.3570, -11.5150, 6.7029

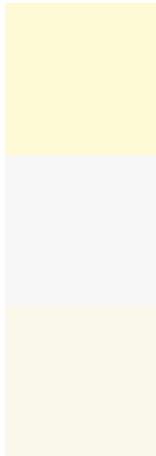
## Deuteranomaly

247.6820, -7.7312, 6.4179

## Tritanomaly

248.0070, -3.9475, 6.1329

# Monochromacy



## Original Color

246.8040, -16.1724, 7.1879

## Achromatopsia

247.0000, 0.0000, 0.0000

## Achromatomaly

247.1160, -5.9732, 2.5293

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 246.8040, -16.1724, 7.1879 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, 249, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 214)  
}
```

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, 249, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 214) }
```

## Border

The CSS property to change the border of an element to YUV 246.8040, -16.1724, 7.1879 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, 249, 214) }
```



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

```
.border{ border-color:rgb(255, 249, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 249, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 246.8040, -16.1724, 7.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 214) }
```

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

```
.background{ background-color: rgb(255,  
249, 214) }
```

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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