

# Converting Colors

YUV(242.1880, -8.4737,  
11.2361)

Have a look what the booklet for  
YUV(242.1880, -8.4737, 11.2361)  
contains.

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# Color

**YUV(242.1880, -8.4737,  
11.2361)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEFE1
RGB	255, 239, 225
RGB Percent	100%, 94%, 88%
CMY	0.0000, 0.0627, 0.1176
CMYK	0.00, 0.06, 0.12, 0.00
HSL	28°, 100%, 94%
HSV	28°, 12%, 100%
XYZ	85.6971, 88.4292, 83.7860
YIQ	242.1880, 14.0300, -0.9620

# Conversions

## Conversions Part 2

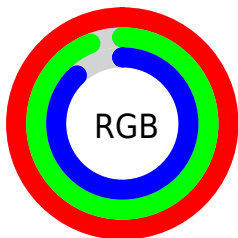
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 251, 225
Decimal	16773089
CIE Lab	95.34, 3.12, 8.69
CIE LCh	95, 9.236, 70.282
Yxy	88.4292, 0.3323, 0.3429
Android (android.graphics.Color)	4294963169 (0xFFFEFE1)
YUV	242.1880, -8.4737, 11.2361
Hunter-Lab	94.0368, -1.8948, 12.9989

# Details

The YUV color  $242.1880, -8.4737, 11.2361$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $237.8120, 8.4737, -11.2361$ , and the grayscale version is  $242.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $186.0030, -7.8895, 10.5214$  is the 20% darker color. If you saturate the color by 10%, you get  $231.1200, -15.3422, 20.9428$ , and if you desaturate by 10%, it is  $253.3700, -1.1684, 1.4295$ .

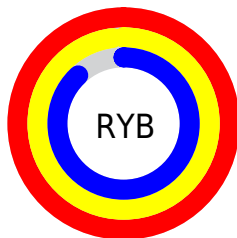
# Distribution



Red (100%)

Green (94%)

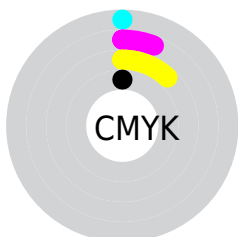
Blue (88%)



Red (100%)

Yellow (98%)

Blue (88%)

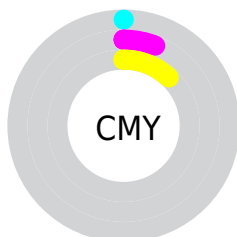


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (6%)


Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 242.1880, -8.4737, 11.2361 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 242.1880, -8.4737, 11.2361 by changing the saturation by 10% instead.





 242.1880, -8.4737,  
11.2361


 242.1880, -8.4737,  
11.2361


255.0000, 0.0000,  
0.0000


 213.8890, -8.3263,  
10.6213

 186.0030, -7.8895,  
10.5214

 159.0030, -7.8895,  
10.5214

 132.8180, -7.3053,  
9.8066

 107.5190, -7.1579,  
9.1918

 83.5190, -7.1579,  
9.1918

 60.3340, -6.5737,

8.4771

■ 38.7360, -6.2788,  
7.2475

■ 17.1770, -8.4683,  
9.4918

■ 242.1880, -8.4737,  
11.2361

■ 242.1880, -8.4737,  
11.2361

■ 231.1200,  
-15.3422, 20.9428

■ 253.3700, -1.1684,  
1.4295

■ 220.5250,  
-22.9368, 30.2346

255.0000, 0.0000,  
0.0000

■ 209.3430,  
-30.2421, 40.0412

■ 198.8620,  
-37.4000, 49.2330

■ 187.7940,  
-44.2684, 58.9397

■ 176.6120,  
-51.5737, 68.7463

■ 166.1310,  
-58.7316, 77.9381

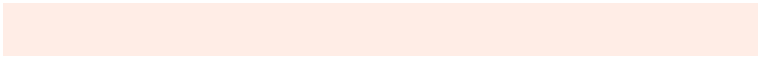
■ 154.9490,  
-66.0369, 87.7447

■ 146.0980,  
-72.0263, 95.5071

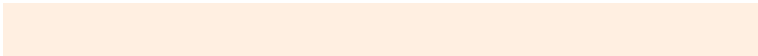
# Harmonies

## Analogous

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



241.5840, -5.7109, 11.7658



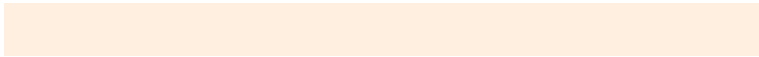
242.1880, -8.4737, 11.2361



241.1440, -8.4520, 4.2587

# Triad

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



242.1880, -8.4737, 11.2361



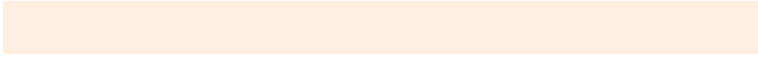
238.8840, 2.5222, -15.6843



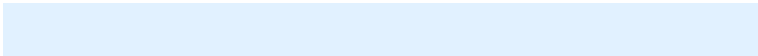
242.6290, 6.0989, 3.8334

# Complementary

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



242.1880, -8.4737, 11.2361



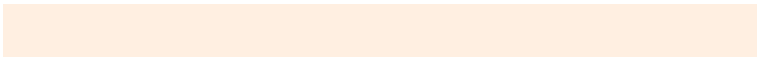
237.8120, 8.4737, -11.2361

# Split Complementary

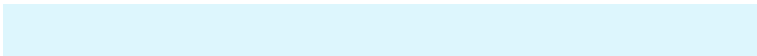
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.1010, 6.8522, -4.4736



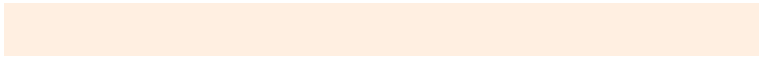
242.1880, -8.4737, 11.2361



239.3230, 6.7428, -16.0693

# Square

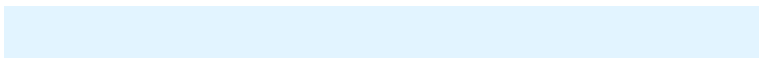
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.1880, -8.4737, 11.2361



239.3530, -2.1460, -11.7106



239.8720, 7.4581, -12.1657



243.0490, 2.4408, 10.4810



# Rectangle

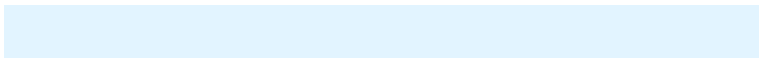
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.1880, -8.4737, 11.2361



240.4530, -7.1253, -1.2743



239.8720, 7.4581, -12.1657



242.3190, 6.2517, 1.4742

# Sweetspot

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



242.1880, -8.4737, 11.2361



250.9250, -2.9210, 3.5738



235.7940, 2.5666, 16.8437



124.8540, -1.9000, 2.7590



0.0000, 0.0000, 0.0000

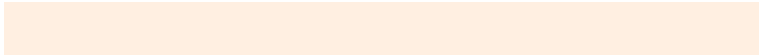


128.0000, 0.0000, 0.0000

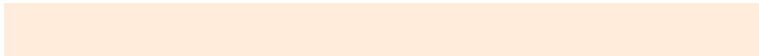


# Same Dimension

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



242.1880, -8.4737, 11.2361



239.7430, -10.2263, 13.3804



250.9930, -12.8145, 3.5141



122.4090, -3.6526, 4.9033



109.3520, -53.9105, 71.6053

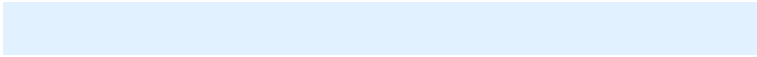


36.7460, -18.1158, 23.9018

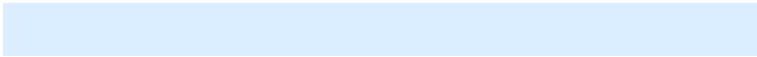


# Inverse Universe

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



237.8120, 8.4737, -11.2361



234.2570, 10.2263, -13.3804



229.0070, 12.8145, -3.5141



120.5910, 3.6526, -4.9033



81.6480, 53.9105, -71.6053

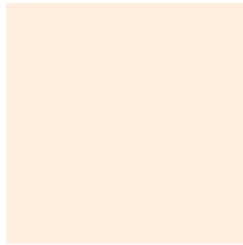


27.2540, 18.1158, -23.9018



# Previews

## White Background



This preview shows how the YUV color 242.1880, -8.4737, 11.2361 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

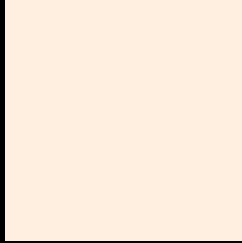
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 242.1880, -8.4737, 11.2361 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

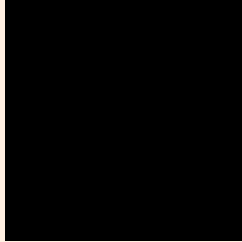
Any Text WCAG AA ✓ Pass

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 242.1880, -8.4737, 11.2361 Background



This preview shows how black text looks on a background with the YUV color 242.1880, -8.4737, 11.2361.



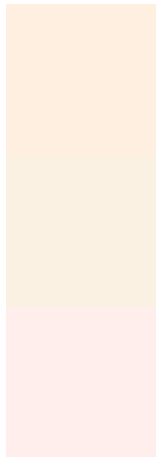
This preview shows how white text looks on a background with the YUV color 242.1880, -8.4737,



# 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

242.1880, -8.4737, 11.2361

### Protanopia

241.9810, -7.8786, 7.0327

### Deuteranopia

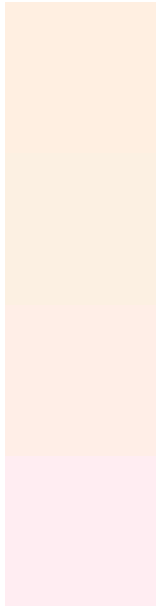
242.7410, -3.8163, 10.7511



## Tritanopia

243.3910, 3.7512, 10.1811

# Trichromacy



## Original Color

242.1880, -8.4737, 11.2361

## Protanomaly

241.9920, -7.8841, 8.7770

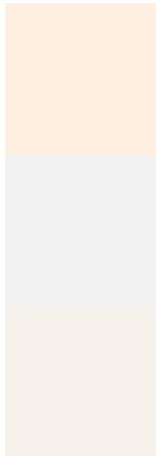
## Deuteranomaly

242.2850, -5.5635, 11.1511

## Tritanomaly

242.9520, -0.4693, 10.5661

# Monochromacy



## Original Color

242.1880, -8.4737, 11.2361

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

242.2240, -3.0684, 4.1886

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 242.1880, -8.4737, 11.2361 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, 239, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 225)  
}
```

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, 239, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 225) }
```

## Border

The CSS property to change the border of an element to YUV 242.1880, -8.4737, 11.2361 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, 239, 225) }
```



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

```
.border{ border-color:rgb(255, 239, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
225) }
```

# Background

The CSS property to change the background color of an element to YUV 242.1880, -8.4737, 11.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 225) }
```

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

```
.background{ background-color: rgb(255,  
239, 225) }
```

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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