

# Converting Colors

YUV(245.9210, -6.8631, 7.9623)

Have a look what the booklet for  
YUV(245.9210, -6.8631, 7.9623)  
contains.

<b>YUV(245.9210, -6.8631, 7.9623)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(245.9210, -6.8631,  
7.9623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF4E8
RGB	255, 244, 232
RGB Percent	100%, 96%, 91%
CMY	0.0000, 0.0431, 0.0902
CMYK	0.00, 0.04, 0.09, 0.00
HSL	31°, 100%, 95%
HSV	31°, 9%, 100%
XYZ	88.1562, 91.7876, 89.4144
YIQ	245.9210, 10.4080, -1.4000

# Conversions

## Conversions Part 2

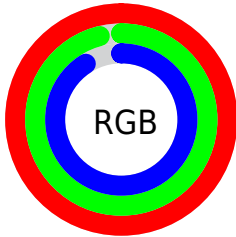
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 255, 232
Decimal	16774376
CIE Lab	96.73, 1.69, 7.08
CIE LCh	97, 7.278, 76.553
Yxy	91.7876, 0.3273, 0.3408
Android (android.graphics.Color)	4294964456 (0xFFFFF4E8)
YUV	245.9210, -6.8631, 7.9623
Hunter-Lab	95.8058, -3.4126, 11.7295

# Details

The YUV color  $245.9210, -6.8631, 7.9623$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $241.0790, 6.8631, -7.9623$ , and the grayscale version is  $246.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $189.6220, -6.7156, 7.3475$  is the 20% darker color. If you saturate the color by 10%, you get  $236.0270, -14.3103, 16.6393$ , and if you desaturate by 10%, it is  $255.0000, 0.0000, 0.0000$ .

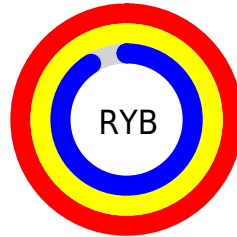
# Distribution



Red (100%)

Green (96%)

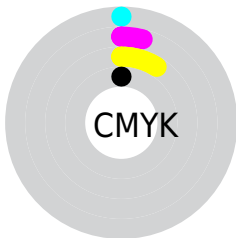
Blue (91%)



Red (99%)

Yellow (100%)

Blue (91%)

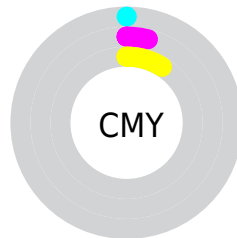


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (4%)


Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 245.9210, -6.8631, 7.9623 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 245.9210, -6.8631, 7.9623 by changing the saturation by 10% instead.



 245.9210, -6.8631,  
7.9623

 245.9210, -6.8631,  
7.9623

255.0000, 0.0000,  
0.0000


 217.6220, -6.7156,  
7.3475

 189.6220, -6.7156,  
7.3475

 162.7360, -6.2788,  
7.2475

 136.4370, -6.1314,  
6.6328

 110.8500, -5.8420,  
7.1476

 86.5510, -5.6946,  
6.5328

 63.3660, -5.1104,

5.8180

■ 41.3660, -5.1104,  
5.8180

■ 20.6110, -6.7102,  
5.6032

■ 245.9210, -6.8631,  
7.9623

■ 245.9210, -6.8631,  
7.9623

■ 236.0270,  
-14.3103, 16.6393

255.0000, 0.0000,  
0.0000

■ 226.0190,  
-22.1944, 25.4163

■ 215.4240,  
-29.7890, 34.7082

■ 205.5300,  
-37.2363, 43.3852

■ 195.6360,  
-44.6835, 52.0622

■ 185.6280,  
-52.5676, 60.8392

■ 175.7340,  
-60.0149, 69.5163

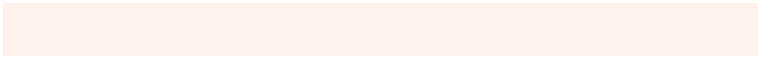
■ 165.1390,  
-67.6095, 78.8081

■ 155.2450,  
-75.0568, 87.4851

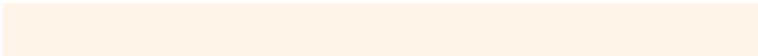
# Harmonies

## Analogous

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



245.2030, -4.5371, 8.5920



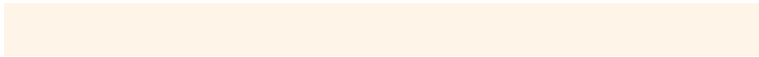
245.9210, -6.8631, 7.9623



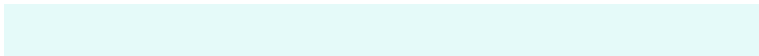
244.7030, -6.2626, 2.0145

# Triad

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



245.9210, -6.8631, 7.9623



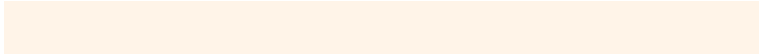
243.6070, 2.6587, -12.8103



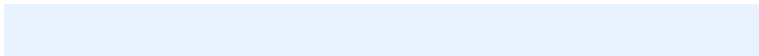
247.0590, 3.9149, 4.3333

# Complementary

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



245.9210, -6.8631, 7.9623



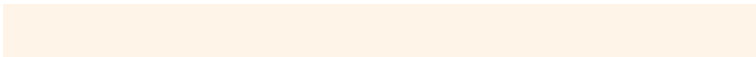
241.0790, 6.8631, -7.9623

# Split Complementary

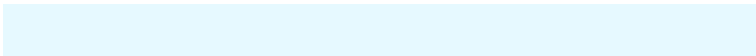
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.5420, 4.6628, -2.2293



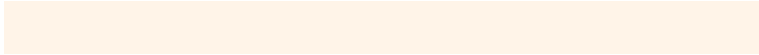
245.9210, -6.8631, 7.9623



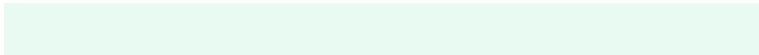
244.0030, 5.4215, -12.2806

# Square

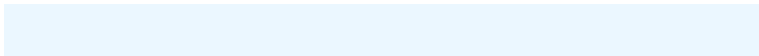
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.9210, -6.8631, 7.9623



243.7060, -0.8411, -10.2662



244.3240, 5.2633, -8.1771

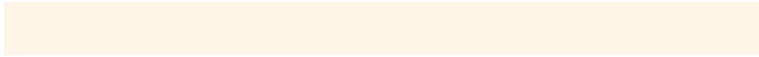


246.0980, 1.4307, 7.8071



# Rectangle

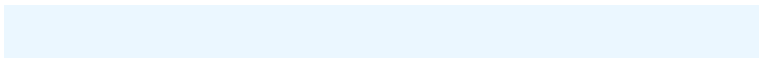
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.9210, -6.8631, 7.9623



244.6100, -5.2307, -2.2890



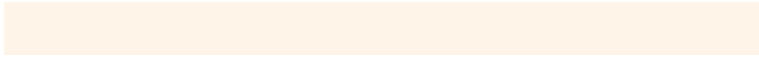
244.3240, 5.2633, -8.1771



246.1620, 4.3571, 2.4889

# Sweetspot

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



245.9210, -6.8631, 7.9623



251.7400, -2.3368, 2.8590



240.1310, 1.4144, 13.0401



125.5550, -1.7526, 2.1443



0.0000, 0.0000, 0.0000

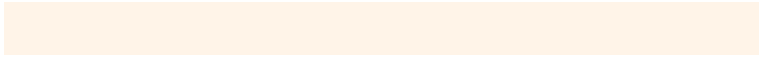


128.0000, 0.0000, 0.0000

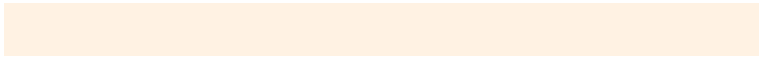


# Same Dimension

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



245.9210, -6.8631, 7.9623



244.1770, -8.4683, 9.4918



252.3780, -10.0464, 2.2995



122.4090, -3.6526, 4.9033



115.8090, -57.0938, 65.9425

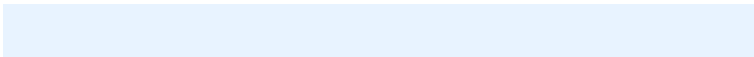


38.5070, -18.9840, 22.3574

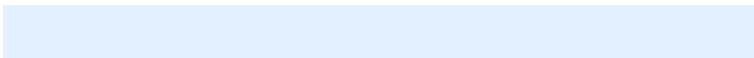


# Inverse Universe

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



241.0790, 6.8631, -7.9623



237.8230, 8.4683, -9.4918



234.6220, 10.0464, -2.2995



120.0040, 3.9420, -4.3885



75.1910, 57.0938, -65.9425

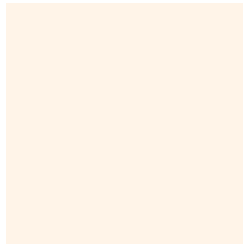


24.9060, 19.2733, -21.8426



# Previews

## White Background



This preview shows how the YUV color 245.9210, -6.8631, 7.9623 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

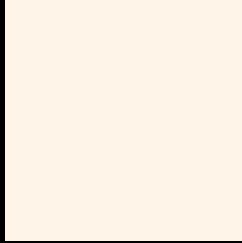
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 245.9210, -6.8631, 7.9623 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

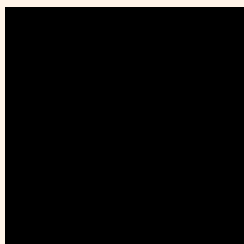
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 245.9210, -6.8631, 7.9623

## Background



This preview shows how black text looks on a background with the YUV color 245.9210, -6.8631, 7.9623.



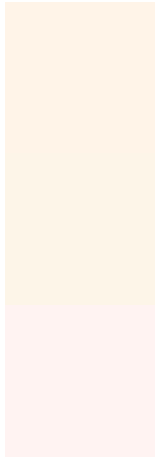
This preview shows how white text looks on a background with the YUV color 245.9210, -6.8631,

7.9623.

# 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

245.9210, -6.8631, 7.9623

### Protanopia

245.9100, -6.8576, 6.2179

### Deuteranopia

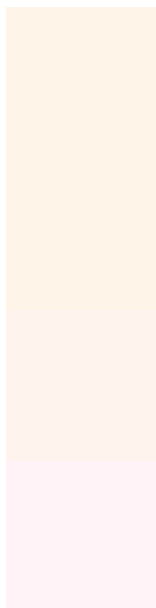
246.4740, -2.2057, 7.4773



## Tritanopia

247.3690, 3.7621, 6.6924

# Trichromacy



## Original Color

245.9210, -6.8631, 7.9623

## Protanomaly

246.2090, -7.0050, 6.8327

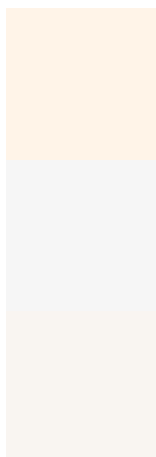
## Deuteranomaly

246.0180, -3.9529, 7.8772

## Tritanomaly

247.0440, -0.0217, 6.9774

# Monochromacy



## Original Color

245.9210, -6.8631, 7.9623

## Achromatopsia

246.0000, 0.0000, 0.0000

## Achromatomaly

245.7400, -2.3368, 2.8590

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 245.9210, -6.8631, 7.9623 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, 244, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 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(255, 244, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 232) }
```

## Border

The CSS property to change the border of an element to YUV 245.9210, -6.8631, 7.9623 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, 244, 232) }
```



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

```
.border{ border-color:rgb(255, 244, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
232) }
```

# Background

The CSS property to change the background color of an element to YUV 245.9210, -6.8631, 7.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 232) }
```

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

```
.background{ background-color: rgb(255,  
244, 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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