

# Converting Colors

YUV(244.7810, -11.2310,  
8.9621)

Have a look what the booklet for  
YUV(244.7810, -11.2310, 8.9621)  
contains.

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# Color

**YUV(244.7810, -11.2310,  
8.9621)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF4DE
RGB	255, 244, 222
RGB Percent	100%, 96%, 87%
CMY	0.0000, 0.0431, 0.1294
CMYK	0.00, 0.04, 0.13, 0.00
HSL	40°, 100%, 94%
HSV	40°, 13%, 100%
XYZ	86.7755, 91.2353, 82.1439
YIQ	244.7810, 13.6180, -4.5100

# Conversions

## Conversions Part 2

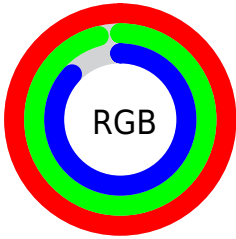
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 255, 222
Decimal	16774366
CIE Lab	96.51, 0.11, 11.91
CIE LCh	97, 11.909, 89.470
Yxy	91.2353, 0.3336, 0.3507
Android (android.graphics.Color)	4294964446 (0xFFFFF4DE)
YUV	244.7810, -11.2310, 8.9621
Hunter-Lab	95.5172, -4.9912, 15.8732

# Details

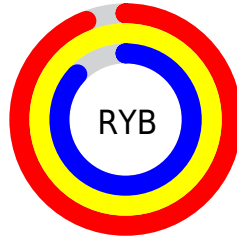
The YUV color  $244.7810, -11.2310, 8.9621$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $232.2190, 11.2310, -8.9621$ , and the grayscale version is  $245.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $188.5960, -10.6468, 8.2473$  is the 20% darker color. If you saturate the color by 10%, you get  $237.2350, -19.8359, 15.5799$ , and if you desaturate by 10%, it is  $253.0280, -2.4788, 1.7294$ .

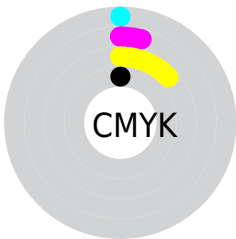
# Distribution



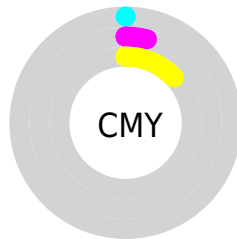
- Red (100%)
- Green (96%)
- Blue (87%)



- Red (94%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 244.7810, -11.2310, 8.9621 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 244.7810, -11.2310, 8.9621 by changing the saturation by 10% instead.



■ 244.7810,  
-11.2310, 8.9621

■ 244.7810,  
-11.2310, 8.9621

255.0000, 0.0000,  
0.0000

■ 216.4820,  
-11.0836, 8.3473

■ 188.5960,  
-10.6468, 8.2473

■ 161.5960,  
-10.6468, 8.2473

■ 135.4110,  
-10.0626, 7.5326

■ 109.5250, -9.6258,  
7.4326

■ 85.3400, -9.0416,  
6.7178

■ 62.4540, -8.6048,

6.6178

■ 40.2690, -8.0206,  
5.9031

■ 19.8130, -9.7678,  
6.3030

■ 244.7810,  
-11.2310, 8.9621

■ 244.7810,  
-11.2310, 8.9621

■ 237.2350,  
-19.8359, 15.5799

■ 253.0280, -2.4788,  
1.7294

■ 228.9880,  
-28.5881, 22.8125

255.0000, 0.0000,  
0.0000

■ 221.4420,  
-37.1929, 29.4304

■ 213.1950,  
-45.9451, 36.6630

■ 205.6490,  
-54.5500, 43.2808

■ 197.4020,  
-63.3022, 50.5134

■ 189.8560,  
-71.9070, 57.1313

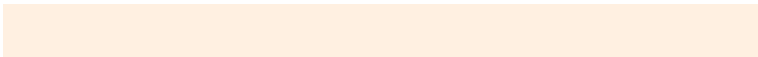
■ 181.6090,  
-80.6592, 64.3639

■ 176.0350,  
-86.7853, 69.2523

# Harmonies

## Analogous

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



242.7750, -8.7631, 10.7213



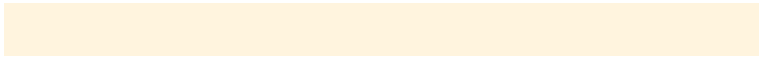
244.7810, -11.2310, 8.9621



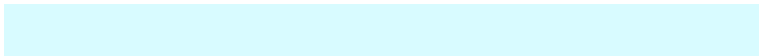
243.5840, -9.1619, -1.3892

# Triad

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



244.7810, -11.2310, 8.9621



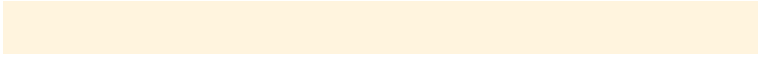
240.9910, 6.9064, -21.9171



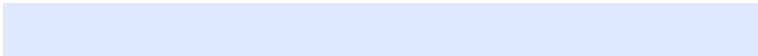
245.6080, 4.6303, 8.2368

# Complementary

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



244.7810, -11.2310, 8.9621



232.2190, 11.2310, -8.9621

# Split Complementary

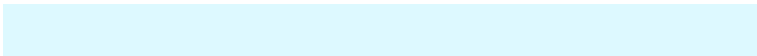
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.9770, 4.9413, 1.7742



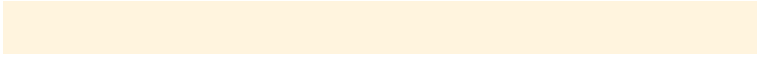
244.7810, -11.2310, 8.9621



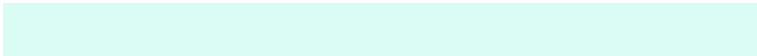
241.3120, 6.7482, -17.8136

# Square

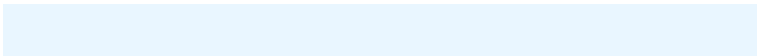
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.7810, -11.2310, 8.9621



241.2210, 1.3700, -19.4878



243.1390, 5.8475, -8.8919



243.4080, 1.2779, 10.1662



# Rectangle

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



244.7810, -11.2310, 8.9621



242.6370, -6.2300, -8.4516



243.1390, 5.8475, -8.8919



246.1950, 4.3409, 7.7220

# Sweetspot

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



244.7810, -11.2310, 8.9621



252.0990, -3.4998, 2.5442



233.1210, -0.0597, 19.1879



125.4410, -2.1894, 2.2442



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

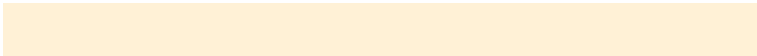


# Same Dimension

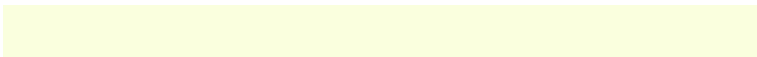
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.7810, -11.2310, 8.9621



242.1080, -13.8572, 11.3063



249.7430, -13.6773, 0.2254



123.5830, -4.2314, 3.8737



132.2450, -65.1968, 51.5281



44.3770, -21.8779, 17.2094



# Inverse Universe

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



232.2190, 11.2310, -8.9621



226.8920, 13.8572, -11.3063



227.2570, 13.6773, -0.2254



118.8300, 4.5208, -3.3589



59.3420, 64.9074, -52.0429

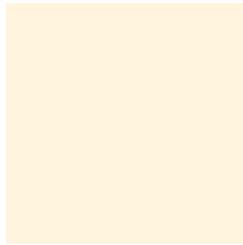


19.6230, 21.8779, -17.2094



# Previews

## White Background



This preview shows how the YUV color 244.7810, -11.2310, 8.9621 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

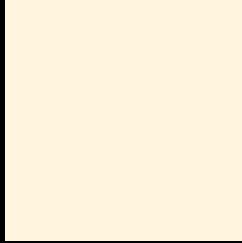
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 244.7810, -11.2310, 8.9621 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

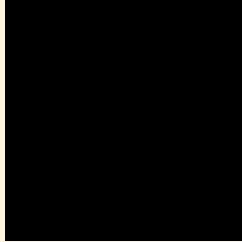
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 244.7810, -11.2310, 8.9621

## Background



This preview shows how black text looks on a background with the YUV color 244.7810, -11.2310, 8.9621.



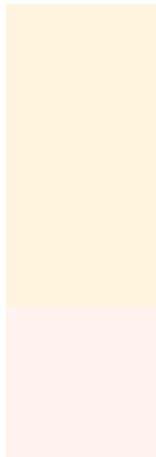
This preview shows how white text looks on a background with the YUV color 244.7810, -11.2310, 8.9621.

8.9621.

# 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

244.7810, -11.2310, 8.9621

### Protanopia

244.7810, -11.2310, 8.9621

### Deuteranopia

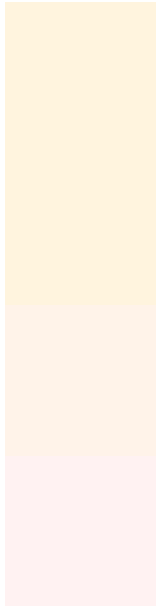
245.5450, -3.2267, 8.2920



## Tritanopia

246.5540, 3.1779, 7.4071

# Trichromacy



## Original Color

244.7810, -11.2310, 8.9621

## Protanomaly

244.7810, -11.2310, 8.9621

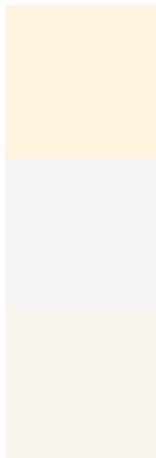
## Deuteranomaly

245.4480, -6.1369, 8.3771

## Tritanomaly

245.8870, -1.9163, 7.9921

# Monochromacy



## Original Color

244.7810, -11.2310, 8.9621

## Achromatopsia

245.0000, 0.0000, 0.0000

## Achromatomaly

245.2840, -4.0840, 3.2589

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 244.7810, -11.2310, 8.9621 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 222) }
```

## Border

The CSS property to change the border of an element to YUV 244.7810, -11.2310, 8.9621 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, 222) }
```



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

```
.border{ border-color:rgb(255, 244, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
222) }
```

# Background

The CSS property to change the background color of an element to YUV 244.7810, -11.2310, 8.9621 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
244, 222) }
```

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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