

# Converting Colors

YUV(237.7710, -12.7051,  
15.1098)

Have a look what the booklet for  
YUV(237.7710, -12.7051, 15.1098)  
contains.

<b>YUV(237.7710, -12.7051, 15.1098)</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(237.7710, -12.7051,  
15.1098)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEAD4
RGB	255, 234, 212
RGB Percent	100%, 92%, 83%
CMY	0.0000, 0.0824, 0.1686
CMYK	0.00, 0.08, 0.17, 0.00
HSL	31°, 100%, 92%
HSV	31°, 17%, 100%
XYZ	82.5465, 84.8591, 74.3161
YIQ	237.7710, 19.5780, -2.3900

# Conversions

## Conversions Part 2

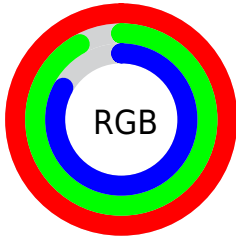
Format	Color
R <sub>Y</sub> B	253, 255, 212
Decimal	16771796
CIE Lab	93.82, 3.67, 13.26
CIE LCh	94, 13.756, 74.527
Yxy	84.8591, 0.3415, 0.3511
Android (android.graphics.Color)	4294961876 (0xFFFEAD4)
YUV	237.7710, -12.7051, 15.1098
Hunter-Lab	92.1190, -1.2570, 16.6517

# Details

The YUV color  $237.7710, -12.7051, 15.1098$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $229.2290, 12.7051, -15.1098$ , and the grayscale version is  $238.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $181.5860, -12.1209, 14.3951$  is the 20% darker color. If you saturate the color by 10%, you get  $227.8770, -20.1524, 23.7869$ , and if you desaturate by 10%, it is  $247.7790, -4.8210, 6.3328$ .

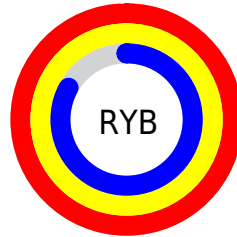
# Distribution



Red (100%)

Green (92%)

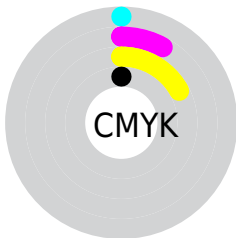
Blue (83%)



Red (99%)

Yellow (100%)

Blue (83%)

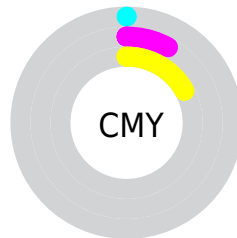


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 237.7710, -12.7051, 15.1098 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 237.7710, -12.7051, 15.1098 by changing the saturation by 10% instead.



237.7710,  
-12.7051, 15.1098

237.7710,  
-12.7051, 15.1098

255.0000, 0.0000,  
0.0000

209.4720,  
-12.5577, 14.4951

181.5860,  
-12.1209, 14.3951

155.2870,  
-11.9735, 13.7803

129.1020,  
-11.3893, 13.0655

103.9170,  
-10.8051, 12.3508

79.7320, -10.2209,  
11.6360

56.5470, -9.6367,

10.9213

■ 34.9490, -9.3419,  
9.6917

■ 13.3450, -6.5791,  
10.2214

■ 237.7710,  
-12.7051, 15.1098

■ 237.7710,  
-12.7051, 15.1098

■ 227.8770,  
-20.1524, 23.7869

■ 247.7790, -4.8210,  
6.3328

■ 217.2820,  
-27.7470, 33.0787

255.0000, 0.0000,  
0.0000

■ 207.3880,  
-35.1943, 41.7557

■ 196.7930,  
-42.7889, 51.0475

■ 186.8990,  
-50.2362, 59.7246

■ 176.3040,  
-57.8309, 69.0164

■ 166.2960,  
-65.7149, 77.7934

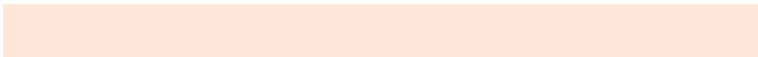
■ 155.8150,  
-72.8728, 86.9852

■ 152.5550,  
-75.2096, 89.8443

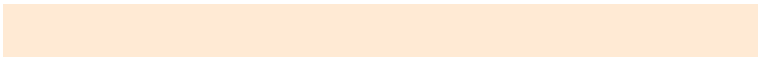
# Harmonies

## Analogous

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



236.2210, -8.4900, 16.4692



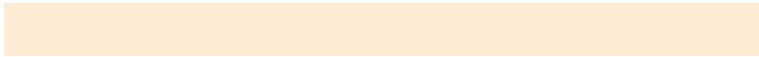
237.7710, -12.7051, 15.1098



235.9330, -11.7990, 4.4438

# Triad

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



237.7710, -12.7051, 15.1098



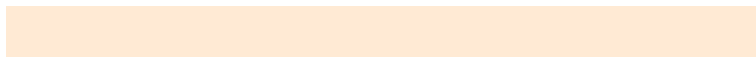
232.8120, 5.0227, -24.3911



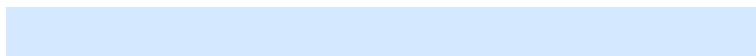
239.4060, 7.6878, 7.5369

# Complementary

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



237.7710, -12.7051, 15.1098



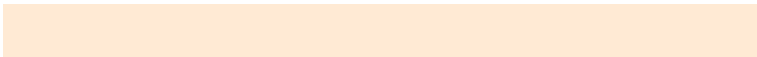
229.2290, 12.7051, -15.1098

# Split Complementary

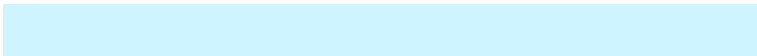
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.6710, 9.0362, -4.9735



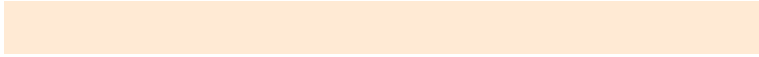
237.7710, -12.7051, 15.1098



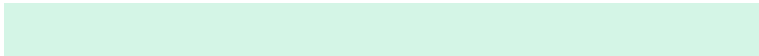
233.8920, 10.4062, -24.4613

# Square

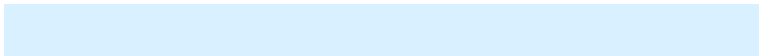
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.7710, -12.7051, 15.1098



233.4230, -1.6875, -18.7880



234.5340, 10.0897, -16.2543

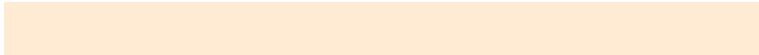


238.5980, 3.1562, 14.3846



# Rectangle

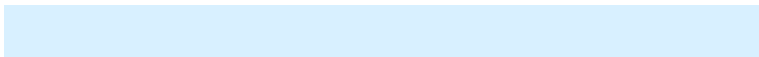
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.7710, -12.7051, 15.1098



235.0460, -9.8827, -3.5483



234.5340, 10.0897, -16.2543



238.4980, 8.1355, 3.9483

# Sweetspot

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



237.7710, -12.7051, 15.1098



249.9960, -3.9420, 4.3885



227.3650, 3.2711, 24.2359



124.7400, -2.3368, 2.8590



0.0000, 0.0000, 0.0000

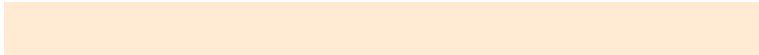


128.0000, 0.0000, 0.0000

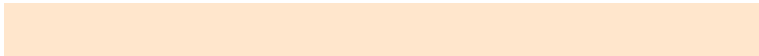


# Same Dimension

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



237.7710, -12.7051, 15.1098



234.5110, -15.0419, 17.9689



250.0980, -18.7823, 4.2991



122.4090, -3.6526, 4.9033



114.6350, -56.5151, 66.9721

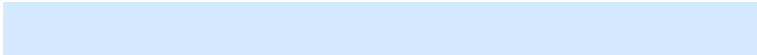


38.5070, -18.9840, 22.3574

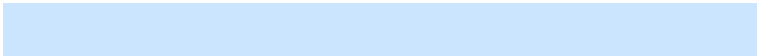


# Inverse Universe

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



229.2290, 12.7051, -15.1098



224.4890, 15.0419, -17.9689



216.9020, 18.7823, -4.2991



120.0040, 3.9420, -4.3885



76.3650, 56.5151, -66.9721

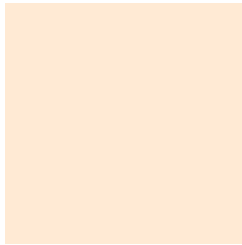


25.4930, 18.9840, -22.3574



# Previews

## White Background



This preview shows how the YUV color 237.7710, -12.7051, 15.1098 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

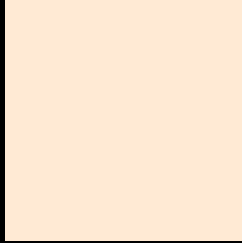
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 237.7710, -12.7051, 15.1098 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

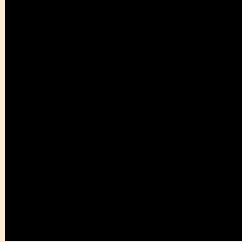
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 237.7710, -12.7051, 15.1098

## Background



This preview shows how black text looks on a background with the YUV color 237.7710, -12.7051, 15.1098.



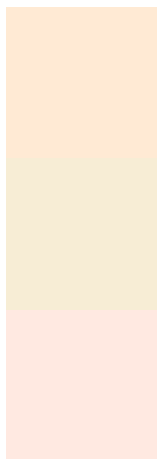
This preview shows how white text looks on a background with the YUV color 237.7710, -12.7051, 15.1098.



# 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

237.7710, -12.7051, 15.1098

### Protanopia

237.2540, -11.9572, 8.5472

### Deuteranopia

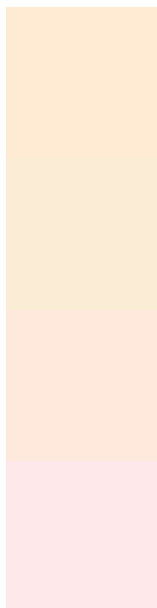
238.6660, -6.7373, 14.3249



## Tritanopia

239.7720, 2.5774, 13.3550

# Trichromacy



## Original Color

237.7710, -12.7051, 15.1098

## Protanomaly

237.5640, -12.1101, 10.9064

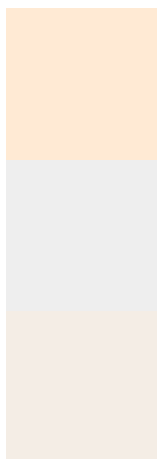
## Deuteranomaly

238.0960, -8.9213, 14.8248

## Tritanomaly

238.9910, -2.9536, 14.0399

# Monochromacy



## Original Color

237.7710, -12.7051, 15.1098

## Achromatopsia

238.0000, 0.0000, 0.0000

## Achromatomaly

238.1810, -4.5262, 5.1033

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 237.7710, -12.7051, 15.1098 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, 234, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 212)  
}
```

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, 234, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 212) }
```

## Border

The CSS property to change the border of an element to YUV 237.7710, -12.7051, 15.1098 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, 234, 212) }
```



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

```
.border{ border-color:rgb(255, 234, 212) }
```

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

Here you see how a box with a 4 pixel rgb(255, 234, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
212) }
```

# Background

The CSS property to change the background color of an element to YUV 237.7710, -12.7051, 15.1098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 212) }
```

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

```
.background{ background-color: rgb(255,  
234, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor