

# Converting Colors

YUV(227.9810, -7.8786, 7.0327)

Have a look what the booklet for  
YUV(227.9810, -7.8786, 7.0327)  
contains.

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# Color

**YUV(227.9810, -7.8786,  
7.0327)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE3D4
RGB	236, 227, 212
RGB Percent	93%, 89%, 83%
CMY	0.0745, 0.1098, 0.1686
CMYK	0.00, 0.04, 0.10, 0.07
HSL	37°, 39%, 88%
HSV	37°, 10%, 93%
XYZ	73.9448, 77.5245, 73.3538
YIQ	227.9810, 10.1790, -2.7570

# Conversions

## Conversions Part 2

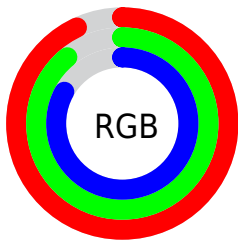
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 236, 212
Decimal	15524820
CIE Lab	90.56, 0.54, 8.40
CIE LCh	91, 8.418, 86.323
Yxy	77.5245, 0.3289, 0.3448
Android (android.graphics.Color)	4293714900 (0xFFECE3D4)
YUV	227.9810, -7.8786, 7.0327
Hunter-Lab	88.0480, -4.1754, 12.2384

# Details

The YUV color  $227.9810, -7.8786, 7.0327$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $220.0190, 7.8786, -7.0327$ , and the grayscale version is  $228.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $172.6820, -7.7312, 6.4179$  is the 20% darker color. If you saturate the color by 10%, you get  $219.9620, -15.7573, 14.0653$ , and if you desaturate by 10%, it is  $236.0000, 0.0000, 0.0000$ .

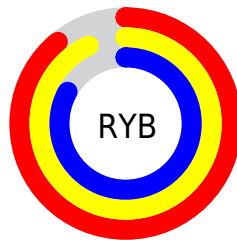
# Distribution



Red (93%)

Green (89%)

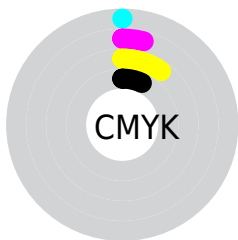
Blue (83%)



Red (89%)

Yellow (93%)

Blue (83%)

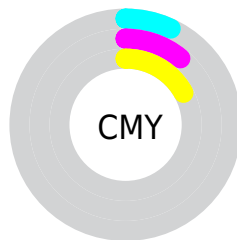


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 227.9810, -7.8786, 7.0327 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 227.9810, -7.8786, 7.0327 by changing the saturation by 10% instead.



■ 227.9810, -7.8786,  
7.0327

■ 227.9810, -7.8786,  
7.0327

255.0000, 0.0000,  
0.0000

■ 199.9810, -7.8786,  
7.0327

■ 172.6820, -7.7312,  
6.4179

■ 145.7960, -7.2944,  
6.3179

■ 120.4970, -7.1470,  
5.7031

■ 95.6110, -6.7102,  
5.6032

■ 71.7250, -6.2734,  
5.5032

■ 49.4260, -6.1260,

4.8884

■ 28.5400, -5.6892,  
4.7884

■ 2.6690, -1.3158,  
2.0443

■ 227.9810, -7.8786,  
7.0327

■ 227.9810, -7.8786,  
7.0327

■ 219.9620,  
-15.7573, 14.0653

■ 236.0000, 0.0000,  
0.0000

■ 212.0570,  
-23.1991, 20.9980

■ 243.4490, 5.6946,  
-6.5328

■ 204.0380,  
-31.0777, 28.0307

■ 248.7320, 3.0901,  
-11.1660

■ 196.7200,  
-38.8090, 34.4486

■ 249.3190, 2.8007,  
-11.6808

■ 188.7010,  
-46.6876, 41.4812

■ 180.6820,  
-54.5662, 48.5139

■ 172.7770,  
-62.0081, 55.4466

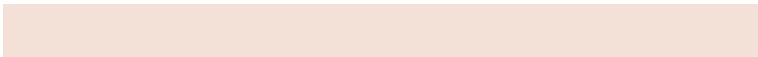
■ 164.7580,  
-69.8867, 62.4792

■ 156.8530,  
-77.3285, 69.4119

# Harmonies

## Analogous

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



229.2420, -7.0213, 12.0658



227.9810, -7.8786, 7.0327



227.1650, -6.9833, -0.1447

# Triad

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



227.9810, -7.8786, 7.0327



225.7530, 4.5588, -15.5694



229.6680, 3.6147, 7.3072

# Complementary

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



227.9810, -7.8786, 7.0327



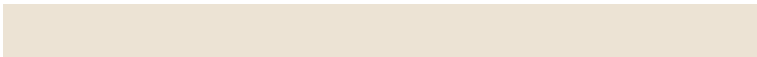
220.0190, 7.8786, -7.0327

# 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.



228.7210, 6.5465, 0.2447



227.9810, -7.8786, 7.0327



226.1600, 7.3161, -13.2953

# Square

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



227.9810, -7.8786, 7.0327



225.7380, 0.6222, -12.9252



227.7200, 8.0260, -7.6474



229.9630, -0.4748, 12.3104



# Rectangle

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



227.9810, -7.8786, 7.0327



226.4140, -4.6411, -4.7481



227.7200, 8.0260, -7.6474



229.5860, 4.6411, 4.7481

# Sweetspot

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



227.9810, -7.8786, 7.0327



252.3270, -2.6262, 2.3442



220.2020, 0.3934, 13.8548



126.1420, -2.0420, 1.6295



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

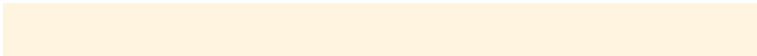


# Same Dimension

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



227.9810, -7.8786, 7.0327



245.0090, -10.3574, 8.7621



232.3670, -10.0409, 0.5551



113.3980, -3.6472, 3.1590



120.4500, -59.3819, 53.1023



35.5170, -17.5099, 16.2096

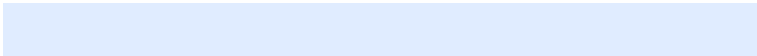


# Inverse Universe

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



220.0190, 7.8786, -7.0327



234.5780, 10.0680, -9.2769



215.6330, 10.0409, -0.5551



109.6020, 3.6472, -3.1590



60.5500, 59.3819, -53.1023

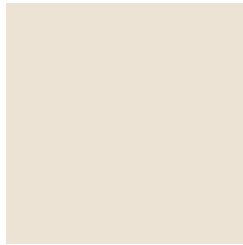


17.8960, 17.7993, -15.6948



# Previews

## White Background



This preview shows how the YUV color 227.9810, -7.8786, 7.0327 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 227.9810, -7.8786, 7.0327 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

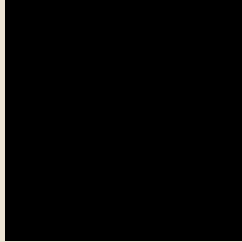
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

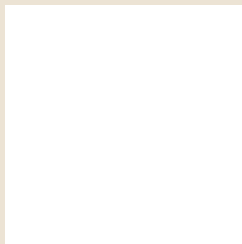
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 227.9810, -7.8786, 7.0327

## Background



This preview shows how black text looks on a background with the YUV color 227.9810, -7.8786, 7.0327.



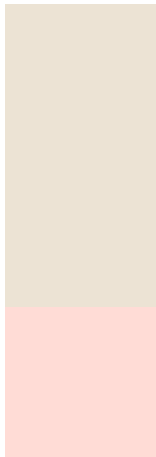
This preview shows how white text looks on a background with the YUV color 227.9810, -7.8786,



# 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

227.9810, -7.8786, 7.0327

### Protanopia

227.9810, -7.8786, 7.0327

### Deuteranopia

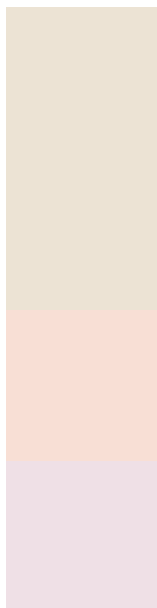
229.7810, -7.7800, 22.1171



## Tritanopia

230.0210, 4.9196, 8.7516

# Trichromacy



## Original Color

227.9810, -7.8786, 7.0327

## Protanomaly

227.9810, -7.8786, 7.0327

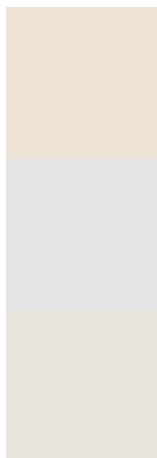
## Deuteranomaly

229.3350, -8.0532, 16.3692

## Tritanomaly

229.1690, 0.4097, 8.6218

# Monochromacy



## Original Color

227.9810, -7.8786, 7.0327

## Achromatopsia

228.0000, 0.0000, 0.0000

## Achromatomaly

228.2130, -3.0630, 2.4442

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 227.9810, -7.8786, 7.0327 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(236, 227, 212)` looks like.

```
.text, #text, p{  
    color:rgb(236, 227, 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(236, 227, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 227, 212) }
```

## Border

The CSS property to change the border of an element to YUV 227.9810, -7.8786, 7.0327 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(236, 227, 212) }
```



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

```
.border{ border-color:rgb(236, 227, 212) }
```

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

Here you see how a box with a 4 pixel rgb(236, 227, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 227, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 227, 212);  
box-shadow:4px 4px 4px 4px rgb(236, 227,  
212) }
```

# Background

The CSS property to change the background color of an element to YUV 227.9810, -7.8786, 7.0327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 227, 212) }
```

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

```
.background{ background-color: rgb(236,  
227, 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](#).

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