

# Converting Colors

YUV(225.7370, -11.2093,  
1.9847)

Have a look what the booklet for  
YUV(225.7370, -11.2093, 1.9847)  
contains.

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# Color

**YUV(225.7370, -11.2093,  
1.9847)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4E5CB
RGB	228, 229, 203
RGB Percent	89%, 90%, 80%
CMY	0.1059, 0.1020, 0.2039
CMYK	0.00, 0.00, 0.11, 0.10
HSL	62°, 33%, 85%
HSV	62°, 11%, 90%
XYZ	70.7937, 76.8444, 67.6011
YIQ	225.7370, 7.7500, -8.2980

# Conversions

## Conversions Part 2

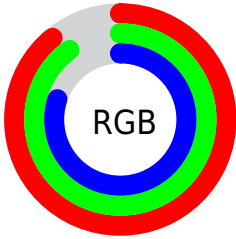
Format	Color
R <sub>Y</sub> B	203, 229, 204
Decimal	15001035
CIE Lab	90.25, -4.74, 12.57
CIE LCh	90, 13.434, 110.662
Yxy	76.8444, 0.3289, 0.3570
Android (android.graphics.Color)	4293191115 (0xFFE4E5CB)
YUV	225.7370, -11.2093, 1.9847
Hunter-Lab	87.6609, -9.2526, 15.6402

# Details

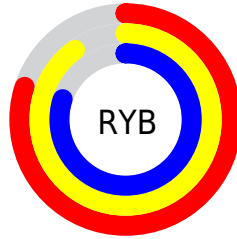
The YUV color  $225.7370, -11.2093, 1.9847$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $206.2630, 11.2093, -1.9847$ , and the grayscale version is  $226.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $170.5520, -10.6251, 1.2699$  is the 20% darker color. If you saturate the color by 10%, you get  $222.8160, -21.1083, 3.6694$ , and if you desaturate by 10%, it is  $228.6580, -1.3104, 0.2999$ .

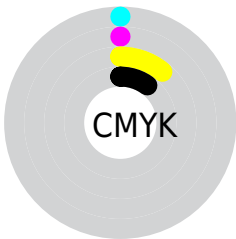
# Distribution



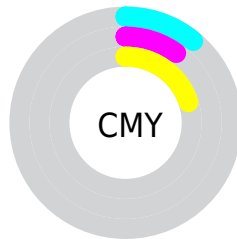
- Red (89%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (90%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 225.7370, -11.2093, 1.9847 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 225.7370, -11.2093, 1.9847 by changing the saturation by 10% instead.



■ 225.7370,  
-11.2093, 1.9847

■ 225.7370,  
-11.2093, 1.9847

255.0000, 0.0000,  
0.0000

■ 197.8510,  
-10.7725, 1.8847

■ 170.5520,  
-10.6251, 1.2699

■ 143.9650,  
-10.3357, 1.7847

■ 118.0790, -9.8989,  
1.6847

■ 93.7800, -9.7515,  
1.0699

■ 70.0080, -8.8779,  
0.8700

■ 47.4210, -8.5886,

1.3848

■ 26.0790, -9.8989,  
1.6847

■ 1.1740, -0.5788,  
-1.0296

■ 225.7370,  
-11.2093, 1.9847

■ 225.7370,  
-11.2093, 1.9847

■ 222.8160,  
-21.1083, 3.6694

■ 228.6580, -1.3104,  
0.2999

■ 219.8950,  
-31.0072, 5.3541

■ 231.5790, 8.5886,  
-1.3848

■ 216.9740,  
-40.9062, 7.0388

■ 232.5620, 11.0619,  
-1.3699

■ 214.0530,  
-50.8051, 8.7235

■ 232.8610, 10.9145,  
-0.7551

■ 211.5450,  
-60.4147, 10.9230

■ 233.1600, 10.7671,  
-0.1403

■ 208.6240,  
-70.3136, 12.6078

■ 233.4590, 10.6197,  
0.4745

■ 205.7030,  
-80.2126, 14.2925

■ 233.7580, 10.4723,  
1.0892

■ 202.7820,  
-90.1115, 15.9772

■ 234.0570, 10.3249,  
1.7040

■ 200.2030,  
-98.7001, 17.3620

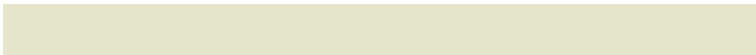
# Harmonies

## Analogous

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



227.4610, -12.5523, 12.7507



225.7370, -11.2093, 1.9847



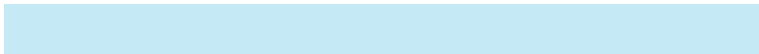
224.3980, -7.0982, -9.9960

# Triad

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



225.7370, -11.2093, 1.9847



224.0170, 10.8376, -22.8169



230.0500, 0.9614, 18.3732

# Complementary

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



225.7370, -11.2093, 1.9847



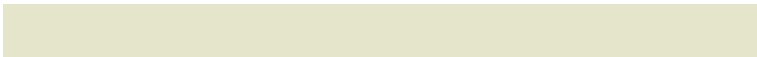
206.2630, 11.2093, -1.9847

# Split Complementary

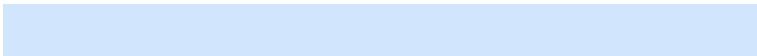
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.1890, 6.8088, 9.4812



225.7370, -11.2093, 1.9847



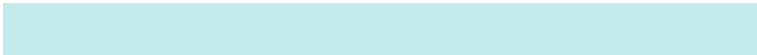
225.6420, 12.9945, -14.5950

# Square

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



225.7370, -11.2093, 1.9847



223.1540, 6.3331, -24.6911



227.9640, 11.3567, -2.5994



229.7640, -5.3067, 22.1320



# Rectangle

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



225.7370, -11.2093, 1.9847



223.2060, -2.5666, -16.8437



227.9640, 11.3567, -2.5994



229.6090, 3.1508, 16.1289

# Sweetspot

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



225.7370, -11.2093, 1.9847



254.0880, -3.4944, 0.7998



211.3610, -4.1220, 15.4694



127.0170, -2.4734, -0.0149



0.0000, 0.0000, 0.0000

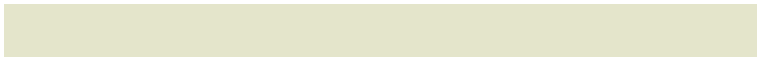


128.0000, 0.0000, 0.0000



# Same Dimension

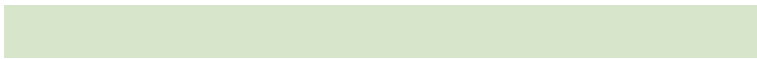
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.7370, -11.2093, 1.9847



250.5970, -15.5773, 2.9844



221.8500, -9.2930, -6.0074



113.3330, -5.0942, 0.5850



156.5010, -77.1550, 13.5926



44.5880, -21.9819, 3.8693



# Inverse Universe

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



206.2630, 11.2093, -1.9847



223.7020, 15.4299, -2.3697



210.1500, 9.2931, 6.0075



104.6670, 5.0942, -0.5850



22.4990, 77.1550, -13.5926

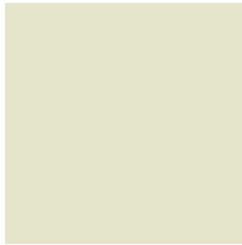


6.4120, 21.9819, -3.8693



# Previews

## White Background



This preview shows how the YUV color 225.7370, -11.2093, 1.9847 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

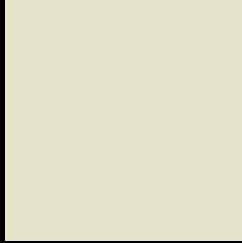
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 225.7370, -11.2093, 1.9847 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

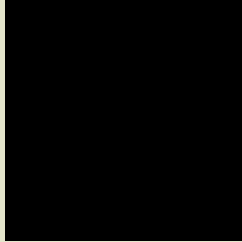
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

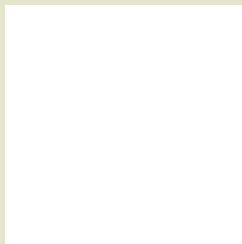
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 225.7370, -11.2093, 1.9847

## Background



This preview shows how black text looks on a background with the YUV color 225.7370, -11.2093, 1.9847.



This preview shows how white text looks on a background with the YUV color 225.7370, -11.2093, 1.9847.

1.9847.

# 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

225.7370, -11.2093, 1.9847

### Protanopia

226.5530, -12.1046, 9.1620

### Deuteranopia

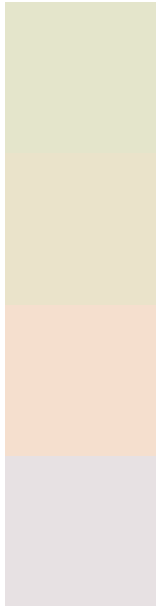
228.3960, -10.5482, 23.3317



## Tritanopia

228.0420, 6.3883, 4.3482

# Trichromacy



## Original Color

225.7370, -11.2093, 1.9847

## Protanomaly

226.2430, -11.9518, 6.8029

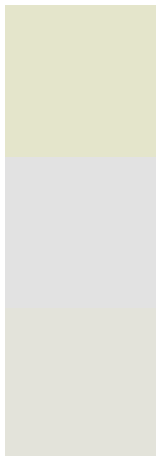
## Deuteranomaly

227.6400, -10.6685, 15.2247

## Tritanomaly

227.0220, -0.0108, 3.4887

# Monochromacy



## Original Color

225.7370, -11.2093, 1.9847

## Achromatopsia

226.0000, 0.0000, 0.0000

## Achromatomaly

225.9740, -3.9312, 0.8998

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.7370, -11.2093, 1.9847 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(228, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(228, 229, 203)  
}
```

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(228, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 229, 203) }
```

## Border

The CSS property to change the border of an element to YUV 225.7370, -11.2093, 1.9847 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(228, 229, 203) }
```



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

```
.border{ border-color:rgb(228, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(228, 229,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 225.7370, -11.2093, 1.9847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 229, 203) }
```

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

```
.background{ background-color: rgb(228,  
229, 203) }
```

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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