

# Converting Colors

YUV(229.5870, -17.0514,  
9.1322)

Have a look what the booklet for  
YUV(229.5870, -17.0514, 9.1322)  
contains.

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# Color

**YUV(229.5870, -17.0514,  
9.1322)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0E7C3
RGB	240, 231, 195
RGB Percent	94%, 91%, 76%
CMY	0.0588, 0.0941, 0.2353
CMYK	0.00, 0.04, 0.19, 0.06
HSL	48°, 60%, 85%
HSV	48°, 19%, 94%
XYZ	74.3614, 79.6172, 63.0782
YIQ	229.5870, 16.9200, -9.2880

# Conversions

## Conversions Part 2

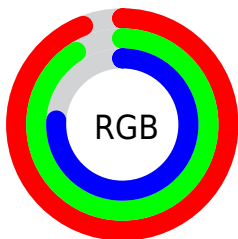
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 240, 195
Decimal	15787971
CIE Lab	91.51, -2.69, 18.64
CIE LCh	92, 18.835, 98.225
Yxy	79.6172, 0.3426, 0.3668
Android (android.graphics.Color)	4293978051 (0xFFFF0E7C3)
YUV	229.5870, -17.0514, 9.1322
Hunter-Lab	89.2285, -7.3911, 20.5462

# Details

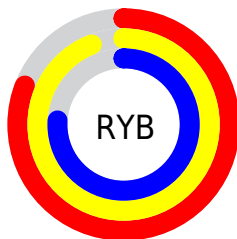
The YUV color  $229.5870, -17.0514, 9.1322$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $205.4130, 17.0514, -9.1322$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.6580, -1.3104, 0.2999$ , and  $174.4020, -16.4672, 8.4174$  is the 20% darker color. If you saturate the color by 10%, you get  $223.9160, -26.0876, 14.1057$ , and if you desaturate by 10%, it is  $235.2580, -8.0152, 4.1587$ .

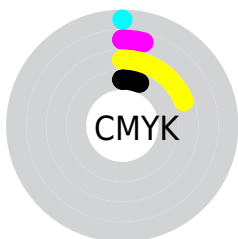
# Distribution



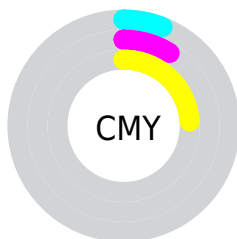
- Red (94%)
- Green (91%)
- Blue (76%)



- Red (81%)
- Yellow (94%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.5870, -17.0514, 9.1322 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 229.5870, -17.0514, 9.1322 by changing the saturation by 10% instead.



■ 229.5870,  
-17.0514, 9.1322

■ 229.5870,  
-17.0514, 9.1322

255.0000, 0.0000,  
0.0000

■ 201.7010,  
-16.6146, 9.0322

254.6580, -1.3104,  
0.2999

■ 174.4020,  
-16.4672, 8.4174

■ 147.6300,  
-15.5936, 8.2175

■ 121.4450,  
-15.0094, 7.5027

■ 96.5590, -14.5726,  
7.4028

■ 73.0750, -13.8410,  
6.0732

■ 50.1890, -13.4042,

5.9732

■ 28.9610, -14.2778,  
6.1732

■ 4.4080, -2.1731,  
-2.9888

■ 229.5870,  
-17.0514, 9.1322

■ 229.5870,  
-17.0514, 9.1322

■ 223.9160,  
-26.0876, 14.1057

■ 235.2580, -8.0152,  
4.1587

■ 218.2450,  
-35.1238, 19.0791

■ 240.9290, 1.0210,  
-0.8147

■ 213.1610,  
-44.4494, 23.5378

■ 244.6450, 5.1050,  
-4.0737

■ 207.4900,  
-53.4856, 28.5113

■ 247.5800, 3.6581,  
-6.6477

■ 201.8190,  
-62.5218, 33.4847

■ 250.5150, 2.2111,  
-9.2217

■ 196.1480,  
-71.5580, 38.4582

■ 190.4770,  
-80.5942, 43.4317

■ 185.3930,  
-89.9197, 47.8903

■ 184.4640,  
-90.9408, 48.7051

# Harmonies

## Analogous

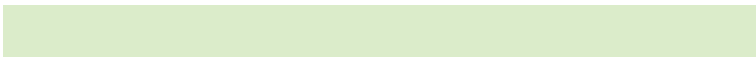
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.8920, -16.2158, 21.1427



229.5870, -17.0514, 9.1322



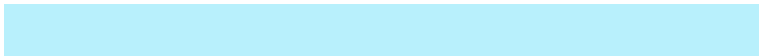
227.0410, -12.3452, -7.0520

# Triad

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



229.5870, -17.0514, 9.1322



224.6240, 13.4964, -35.6272



233.2010, 5.3239, 19.1177

# Complementary

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



229.5870, -17.0514, 9.1322



205.4130, 17.0514, -9.1322

# Split Complementary

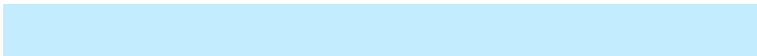
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.3180, 11.1822, 6.7371



229.5870, -17.0514, 9.1322



226.2060, 14.1954, -26.4907

# Square

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



229.5870, -17.0514, 9.1322



223.8710, 5.4866, -33.2129



229.5500, 12.5469, -11.0063



229.9750, -1.9597, 21.9469

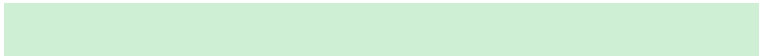


# Rectangle

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



229.5870, -17.0514, 9.1322



225.9410, -7.3659, -17.4883



229.5500, 12.5469, -11.0063



233.8740, 7.9501, 16.7735

# Sweetspot

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



229.5870, -17.0514, 9.1322



251.5290, -5.6838, 3.0441



209.4810, -2.7021, 26.7652



125.8000, -3.3524, 1.9294



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.



229.5870, -17.0514, 9.1322



241.2300, -22.2984, 12.0763



230.6840, -17.5922, -4.1079



116.8710, -4.3734, 2.7441



141.3050, -69.6634, 37.4435



43.1590, -21.2774, 11.2616



# Inverse Universe

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



205.4130, 17.0514, -9.1322



209.7700, 22.2984, -12.0763



204.0170, 17.7396, 3.4931



110.5420, 4.6628, -2.2293



42.6950, 69.6634, -37.4435

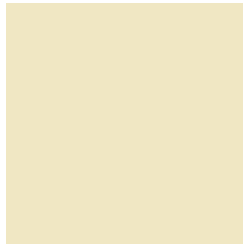


12.8410, 21.2774, -11.2616



# Previews

## White Background



This preview shows how the YUV color 229.5870, -17.0514, 9.1322 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

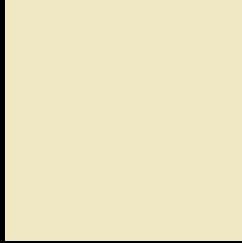
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.5870, -17.0514, 9.1322 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

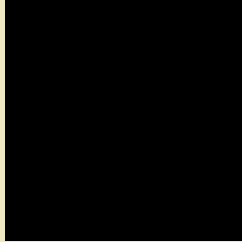
Any Text WCAG AA ✓ Pass

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 229.5870, -17.0514, 9.1322 Background



This preview shows how black text looks on a background with the YUV color 229.5870, -17.0514, 9.1322.



This preview shows how white text looks on a background with the YUV color 229.5870, -17.0514, 9.1322.



# 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

229.5870, -17.0514, 9.1322

### Protanopia

229.8970, -17.2042, 11.4913

### Deuteranopia

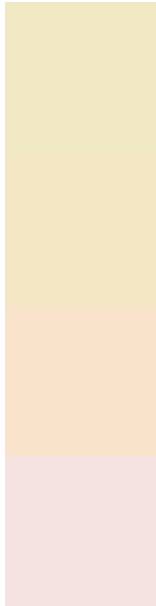
232.0320, -11.8478, 20.1429



## Tritanopia

232.6300, 4.6194, 11.7255

# Trichromacy



## Original Color

229.5870, -17.0514, 9.1322

## Protanomaly

229.5980, -17.0568, 10.8766

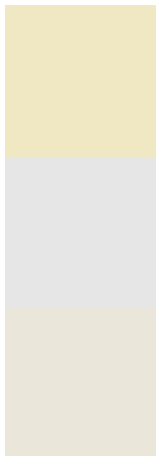
## Deuteranomaly

231.1410, -13.8735, 16.5393

## Tritanomaly

231.8550, -3.3795, 10.6512

# Monochromacy



## Original Color

229.5870, -17.0514, 9.1322

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

229.7140, -6.2680, 3.7588

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.5870, -17.0514, 9.1322 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(240, 231, 195)` looks like.

```
.text, #text, p{  
    color:rgb(240, 231, 195)  
}
```

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(240, 231, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 231, 195) }
```

## Border

The CSS property to change the border of an element to YUV 229.5870, -17.0514, 9.1322 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(240, 231, 195) }
```



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

```
.border{ border-color:rgb(240, 231, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 231, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 231, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 231, 195);  
box-shadow:4px 4px 4px 4px rgb(240, 231,  
195) }
```

# Background

The CSS property to change the background color of an element to YUV 229.5870, -17.0514, 9.1322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 231, 195) }
```

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

```
.background{ background-color: rgb(240,  
231, 195) }
```

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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