

# Converting Colors

YUV(219.5210, -17.0189,  
-1.3339)

Have a look what the booklet for  
YUV(219.5210, -17.0189, -1.3339)  
contains.

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# Color

**YUV(219.5210, -17.0189,  
-1.3339)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAE3B9
RGB	218, 227, 185
RGB Percent	85%, 89%, 73%
CMY	0.1451, 0.1098, 0.2745
CMYK	0.04, 0.00, 0.19, 0.11
HSL	73°, 43%, 81%
HSV	73°, 19%, 89%
XYZ	65.1395, 73.3464, 56.6230
YIQ	219.5210, 8.1180, -14.9700

# Conversions

## Conversions Part 2

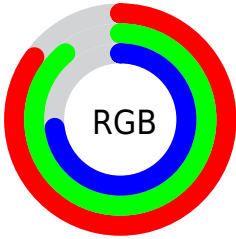
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 227, 194
Decimal	14345145
CIE <sub>Lab</sub>	88.61, -10.09, 19.53
CIE <sub>LCh</sub>	89, 21.984, 117.308
Y <sub>xy</sub>	73.3464, 0.3339, 0.3759
Android (android.graphics.Color)	4292535225 (0xFFDAE3B9)
YUV	219.5210, -17.0189, -1.3339
Hunter-Lab	85.6425, -14.1077, 20.7499

# Details

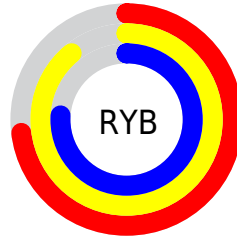
The YUV color  $219.5210, -17.0189, -1.3339$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $192.4790, 17.0189, 1.3339$ , and the grayscale version is  $220.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.4040, -6.1152, 1.3997$ , and  $164.7490, -16.1453, -1.5339$  is the 20% darker color. If you saturate the color by 10%, you get  $215.4040, -26.3282, -2.1083$ , and if you desaturate by 10%, it is  $223.6380, -7.7095, -0.5595$ .

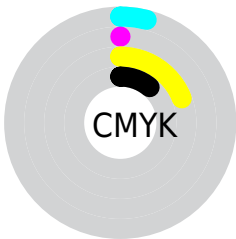
# Distribution



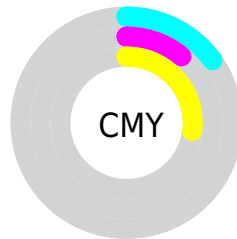
- Red (85%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.5210, -17.0189, -1.3339 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 219.5210, -17.0189, -1.3339 by changing the saturation by 10% instead.



■ 219.5210,  
-17.0189, -1.3339

■ 219.5210,  
-17.0189, -1.3339

255.0000, 0.0000,  
0.0000

■ 191.6350,  
-16.5821, -1.4339

■ 253.4040, -6.1152,  
1.3997

■ 164.7490,  
-16.1453, -1.5339

■ 137.8630,  
-15.7085, -1.6339

■ 112.3900,  
-14.9823, -1.2190

■ 88.2050, -14.3981,  
-1.9338

■ 64.4330, -13.5245,  
-2.1337

■ 42.5470, -13.0877,

-2.2337

■ 22.1170, -10.9037,  
-2.7336

■ 0.0000, 0.0000,  
0.0000

■ 219.5210,  
-17.0189, -1.3339

■ 219.5210,  
-17.0189, -1.3339

■ 215.4040,  
-26.3282, -2.1083

■ 223.6380, -7.7095,  
-0.5595

■ 211.4010,  
-35.2007, -2.9827

■ 227.6410, 1.1630,  
0.3148

■ 207.2840,  
-44.5100, -3.7571

■ 231.7580, 10.4723,  
1.0892

■ 203.4660,  
-53.9667, -3.9167

■ 233.1820, 10.7563,  
3.3484

■ 199.4630,  
-62.8393, -4.7911

■ 234.6770, 10.0192,  
6.4223

■ 195.3460,  
-72.1486, -5.5654

■ 236.1720, 9.2822,  
9.4962

■ 191.2290,  
-81.4579, -6.3398

■ 237.6670, 8.5452,  
12.5700

■ 187.1120,  
-90.7672, -7.1142

■ 238.5640, 8.1029,  
14.4144

■ 186.4710,  
-91.9302, -7.4291

# Harmonies

## Analogous

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



221.8330, -20.1307, 16.8095



219.5210, -17.0189, -1.3339



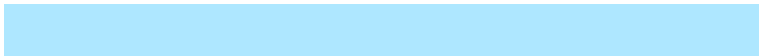
216.8760, -8.8129, -20.0623

# Triad

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



219.5210, -17.0189, -1.3339



216.6930, 18.8854, -37.4418



223.9910, 0.4974, 27.1949

# Complementary

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



219.5210, -17.0189, -1.3339



192.4790, 17.0189, 1.3339

# Split Complementary

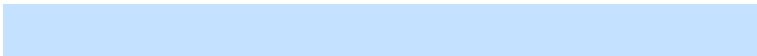
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.9390, 9.3971, 19.3475



219.5210, -17.0189, -1.3339



219.7490, 17.3787, -20.8279

# Square

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



219.5210, -17.0189, -1.3339



214.4660, 13.0813, -42.5047



224.0120, 15.2771, -0.0105



222.1840, -8.9647, 28.7796



# Rectangle

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



219.5210, -17.0189, -1.3339



215.4600, -1.2128, -31.0984



224.0120, 15.2771, -0.0105



225.3760, 3.2656, 25.9802

# Sweetspot

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



219.5210, -17.0189, -1.3339



252.3930, -6.1097, -0.3447



202.2540, -8.5062, 21.7022



126.3760, -3.6364, -0.3298



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

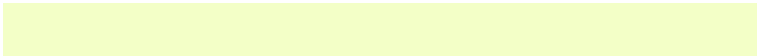


# Same Dimension

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



219.5210, -17.0189, -1.3339



245.0280, -22.6918, -1.7786



213.5410, -14.0707, -13.6295



112.7350, -4.7994, -0.6446



146.9330, -72.4380, -6.0802



41.8970, -20.6552, -1.6637



# Inverse Universe

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



192.4790, 17.0189, 1.3339



208.9720, 22.6918, 1.7786



198.4590, 14.0707, 13.6295



105.2650, 4.7994, 0.6446



31.7680, 72.5854, 5.4655

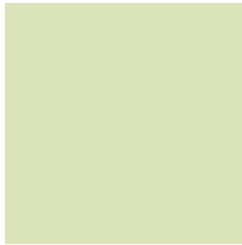


9.1030, 20.6552, 1.6637



# Previews

## White Background



This preview shows how the YUV color 219.5210, -17.0189, -1.3339 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

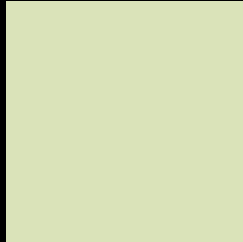
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.5210, -17.0189, -1.3339 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

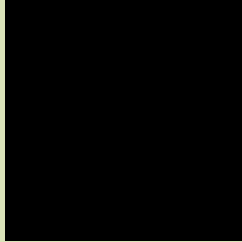
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

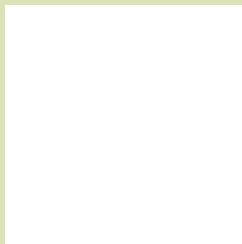
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 219.5210, -17.0189, -1.3339

## Background



This preview shows how black text looks on a background with the YUV color 219.5210, -17.0189, -1.3339.



This preview shows how white text looks on a background with the YUV color 219.5210, -17.0189, -1.3339.

-1.3339.

# 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

219.5210, -17.0189, -1.3339

### Protanopia

221.3270, -19.3882, 11.9912

### Deuteranopia

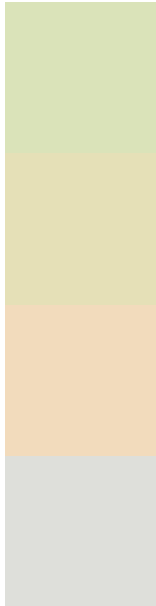
223.4090, -16.9636, 27.7053



## Tritanopia

223.4330, 6.6885, 1.3743

# Trichromacy



## Original Color

219.5210, -17.0189, -1.3339

## Protanomaly

220.8210, -18.6458, 7.1730

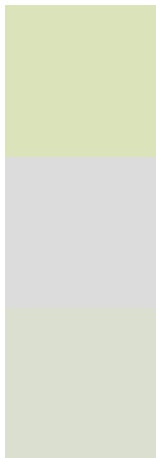
## Deuteranomaly

222.3430, -16.9311, 17.2392

## Tritanomaly

222.1310, -2.0366, -0.1149

# Monochromacy



## Original Color

219.5210, -17.0189, -1.3339

## Achromatopsia

220.0000, 0.0000, 0.0000

## Achromatomaly

219.9800, -6.3991, -0.8595

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.5210, -17.0189, -1.3339 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(218, 227, 185)` looks like.

```
.text, #text, p{  
    color:rgb(218, 227, 185)  
}
```

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(218, 227, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 227, 185) }
```

## Border

The CSS property to change the border of an element to YUV 219.5210, -17.0189, -1.3339 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(218, 227, 185) }
```



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

```
.border{ border-color:rgb(218, 227, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 227, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 227, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 227, 185);  
box-shadow:4px 4px 4px 4px rgb(218, 227,  
185) }
```

# Background

The CSS property to change the background color of an element to YUV 219.5210, -17.0189, -1.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 227, 185) }
```

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

```
.background{ background-color: rgb(218,  
227, 185) }
```

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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