

# Converting Colors

YUV(219.3860, -22.3753,  
-9.9855)

Have a look what the booklet for  
YUV(219.3860, -22.3753, -9.9855)  
contains.

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# Color

**YUV(219.3860, -22.3753,  
-9.9855)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0EAAE
RGB	208, 234, 174
RGB Percent	82%, 92%, 68%
CMY	0.1843, 0.0824, 0.3176
CMYK	0.11, 0.00, 0.26, 0.08
HSL	86°, 59%, 80%
HSV	86°, 26%, 92%
XYZ	63.0752, 75.3115, 51.2566
YIQ	219.3860, 3.7640, -24.1720

# Conversions

## Conversions Part 2

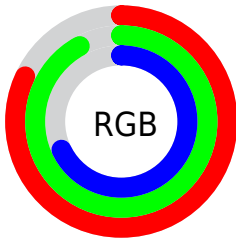
Format	Color
<a href="#">RYB</a>	<a href="#">174, 234, 200</a>
Decimal	<a href="#">13691566</a>
CIELab	<a href="#">89.54, -18.78, 26.38</a>
CIELCh	<a href="#">90, 32.385, 125.452</a>
Yxy	<a href="#">75.3115, 0.3326, 0.3971</a>
Android (android.graphics.Color)	<a href="#">4291881646</a> ( <a href="#">0xFFD0EAAE</a> )
YUV	<a href="#">219.3860, -22.3753, -9.9855</a>
Hunter-Lab	<a href="#">86.7822, -22.1311, 25.7288</a>

# Details

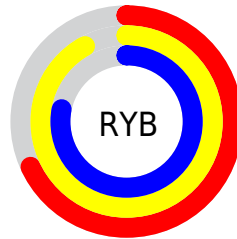
The YUV color  $219.3860, -22.3753, -9.9855$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $188.6140, 22.3753, 9.9855$ , and the grayscale version is  $220.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.1500, -10.9200, 2.4994$ , and  $164.0270, -21.2123, -9.6707$  is the 20% darker color. If you saturate the color by 10%, you get  $213.7740, -30.9476, -13.8338$ , and if you desaturate by 10%, it is  $224.9980, -13.8030, -6.1372$ .

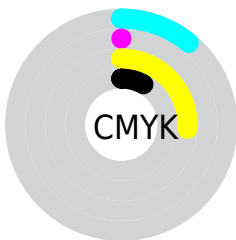
# Distribution



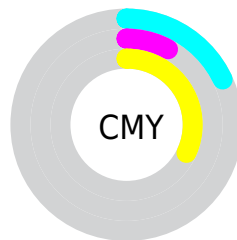
- Red (82%)
- Green (92%)
- Blue (68%)



- Red (68%)
- Yellow (92%)
- Blue (78%)



- Cyan (11%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)




- Cyan (18%)
- Magenta (8%)
- Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 219.3860, -22.3753, -9.9855 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 219.3860, -22.3753, -9.9855 by changing the saturation by 10% instead.





 219.3860,  
-22.3753, -9.9855


 219.3860,  
-22.3753, -9.9855


255.0000, 0.0000,  
0.0000


 191.5000,  
-21.9385, -10.0855


 252.1500,  
-10.9200, 2.4994

 164.0270,  
-21.2123, -9.6707

 137.5540,  
-20.4861, -9.2559

 112.3690,  
-19.9019, -9.9706

 87.0100, -18.7389,  
-9.6558

 63.4230, -18.4495,  
-9.1410

 40.8960, -19.1757,

-9.5558

■ 19.9800, -9.8501,  
-14.0145

■ 0.0000, 0.0000,  
0.0000

■ 219.3860,  
-22.3753, -9.9855

■ 219.3860,  
-22.3753, -9.9855

■ 213.7740,  
-30.9476, -13.8338

■ 224.9980,  
-13.8030, -6.1372

■ 208.0480,  
-39.9567, -17.5821

■ 230.7240, -4.7939,  
-2.3889

■ 202.4360,  
-48.5289, -21.4304

■ 236.3360, 3.7784,  
1.4593

■ 196.4110,  
-57.3906, -25.7934

■ 240.8790, 6.9617,  
7.1221

■ 190.7990,  
-65.9629, -29.6417

■ 242.6730, 6.0772,  
10.8108

■ 185.1870,  
-74.5352, -33.4900

■ 179.4610,  
-83.5443, -37.2383

■ 177.1250,  
-87.3226, -38.6976

# Harmonies

## Analogous

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



223.0150, -29.5874, 16.6498



219.3860, -22.3753, -9.9855



214.8800, -8.3218, -37.6058

# Triad

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



219.3860, -22.3753, -9.9855



213.0610, 20.6759, -51.7965



219.8990, 0.0498, 30.7836

# Complementary

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



219.3860, -22.3753, -9.9855



188.6140, 22.3753, 9.9855

# Split Complementary

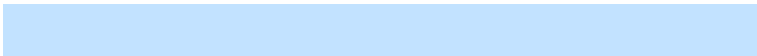
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.7810, 12.4330, 25.6251



219.3860, -22.3753, -9.9855



219.7380, 17.3842, -22.5722

# Square

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



219.3860, -22.3753, -9.9855



210.0050, 22.1825, -68.4104



226.1380, 14.2290, 9.5260



218.9410, -13.7749, 31.6237



# Rectangle

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



219.3860, -22.3753, -9.9855



212.1690, 3.3677, -53.6452



226.1380, 14.2290, 9.5260



221.7400, 4.5652, 29.1690

# Sweetspot

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



219.3860, -22.3753, -9.9855



250.0290, -7.4093, -3.5334



207.2020, -16.3686, 23.5018



124.7240, -4.7939, -2.3889



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

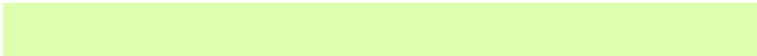


# Same Dimension

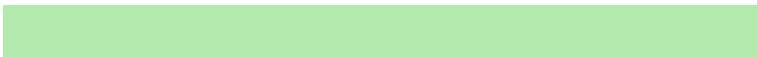
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.3860, -22.3753, -9.9855



235.8280, -29.4952, -13.0042



210.4160, -17.9531, -28.4288



114.2510, -4.0677, -1.9741



137.0440, -67.5627, -29.8566



40.6680, -20.0493, -9.3558



# Inverse Universe

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



188.6140, 22.3753, 9.9855



195.1720, 29.4952, 13.0042



197.5840, 17.9531, 28.4288



108.7490, 4.0677, 1.9741



43.9560, 67.5627, 29.8566

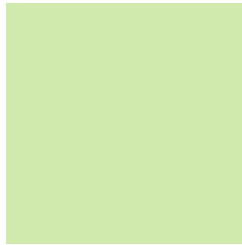


13.0330, 20.1967, 8.7411



# Previews

## White Background



This preview shows how the YUV color 219.3860, -22.3753, -9.9855 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

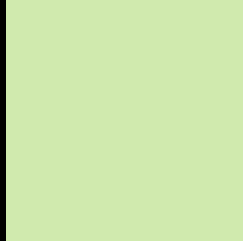
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.3860, -22.3753, -9.9855 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

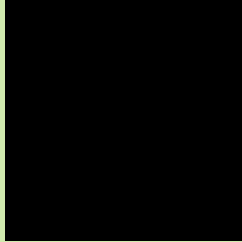
Any Text WCAG AA ✓ Pass

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 219.3860, -22.3753, -9.9855 Background



This preview shows how black text looks on a background with the YUV color 219.3860, -22.3753, -9.9855.



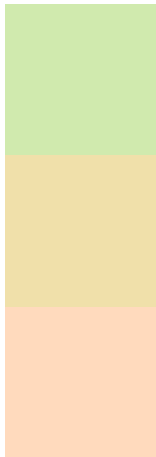
This preview shows how white text looks on a background with the YUV color 219.3860, -22.3753, -9.9855.

-9.9855.

# 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

219.3860, -22.3753, -9.9855

### Protanopia

222.6280, -25.9456, 15.2352

### Deuteranopia

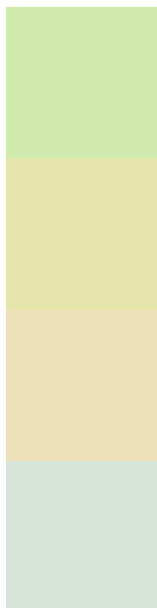
225.7570, -18.1212, 25.6461



## Tritanopia

224.9590, 8.8942, -6.1030

# Trichromacy



## Original Color

219.3860, -22.3753, -9.9855

## Protanomaly

221.5020, -24.8975, 5.6987

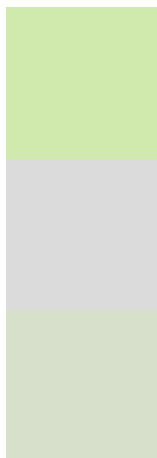
## Deuteranomaly

223.6260, -19.5356, 12.6060

## Tritanomaly

222.6740, -2.3043, -7.6071

# Monochromacy



## Original Color

219.3860, -22.3753, -9.9855

## Achromatopsia

219.0000, 0.0000, 0.0000

## Achromatomaly

218.9150, -7.8461, -3.4335

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.3860, -22.3753, -9.9855 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(208, 234, 174)` looks like.

```
.text, #text, p{  
    color:rgb(208, 234, 174)  
}
```

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(208, 234, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 234, 174) }
```

## Border

The CSS property to change the border of an element to YUV 219.3860, -22.3753, -9.9855 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(208, 234, 174) }
```



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

```
.border{ border-color:rgb(208, 234, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 234, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 234, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 234, 174);  
box-shadow:4px 4px 4px 4px rgb(208, 234,  
174) }
```

# Background

The CSS property to change the background color of an element to YUV 219.3860, -22.3753, -9.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 234, 174) }
```

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

```
.background{ background-color: rgb(208,  
234, 174) }
```

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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