

# Converting Colors

YUV(229.8390, -9.2876, -7.7518)

Have a look what the booklet for  
YUV(229.8390, -9.2876, -7.7518)  
contains.

|  |    |
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# Color

**YUV(229.8390, -9.2876,  
-7.7518)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | DDEED3                      |
| RGB         | 221, 238, 211               |
| RGB Percent | 87%, 93%, 83%               |
| CMY         | 0.1333, 0.0667, 0.1725      |
| CMYK        | 0.07, 0.00, 0.11, 0.07      |
| HSL         | 98°, 44%, 88%               |
| HSV         | 98°, 11%, 93%               |
| XYZ         | 72.1512, 81.2244, 73.5031   |
| YIQ         | 229.8390, -1.4650, -12.0010 |

# Conversions

## Conversions Part 2

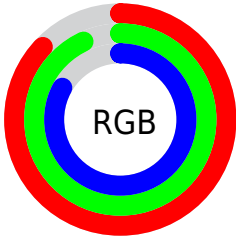
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">211, 238, 228</a>                  |
| Decimal                             | <a href="#">14544595</a>                       |
| CIELab                              | <a href="#">92.23, -10.40, 11.16</a>           |
| CIELCh                              | <a href="#">92, 15.256, 132.990</a>            |
| Yxy                                 | <a href="#">81.2244, 0.3180,<br/>0.3580</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4292734675<br/>(0xFFDDEED3)</a>    |
| YUV                                 | <a href="#">229.8390, -9.2876,<br/>-7.7518</a> |
| Hunter-Lab                          | <a href="#">90.1246, -14.8159,<br/>14.7319</a> |

# Details

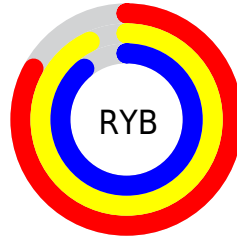
The YUV color **229.8390, -9.2876, -7.7518** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **219.1610, 9.2876, 7.7518**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **174.2520, -8.9982, -7.2370** is the 20% darker color. If you saturate the color by 10%, you get **222.6180, -17.5597, -14.5740**, and if you desaturate by 10%, it is **237.0600, -1.0156, -0.9296**.

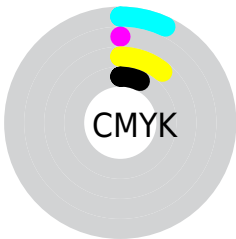
# Distribution



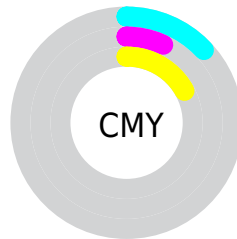
- Red (87%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.8390, -9.2876, -7.7518 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 229.8390, -9.2876, -7.7518 by changing the saturation by 10% instead.



■ 229.8390, -9.2876,  
-7.7518

■ 229.8390, -9.2876,  
-7.7518

255.0000, 0.0000,  
0.0000

■ 201.8390, -9.2876,  
-7.7518

■ 174.2520, -8.9982,  
-7.2370

■ 147.3660, -8.5614,  
-7.3370

■ 121.7790, -8.2720,  
-6.8222

■ 96.8930, -7.8352,  
-6.9222

■ 73.3060, -7.5459,  
-6.4074

■ 50.4200, -7.1091,

-6.5073

■ 29.2460, -6.5303,  
-5.4777

■ 8.8050, -4.3409,  
-7.7220

■ 229.8390, -9.2876,  
-7.7518

■ 229.8390, -9.2876,  
-7.7518

■ 222.6180,  
-17.5597, -14.5740

■ 237.0600, -1.0156,  
-0.9296

■ 215.3970,  
-25.8317, -21.3962

■ 243.8250, 5.5093,  
6.2925

■ 208.2900,  
-33.6670, -28.3183

■ 245.0210, 4.9196,  
8.7516

■ 201.0690,  
-41.9390, -35.1405

■ 193.8480,  
-50.2111, -41.9627

■ 186.6270,  
-58.4831, -48.7849

■ 179.4060,  
-66.7552, -55.6071

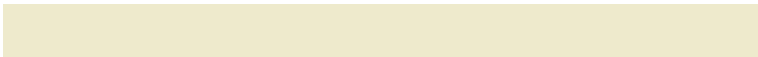
■ 172.2990,  
-74.5904, -62.5292

■ 166.0180,  
-81.8469, -68.4218

# Harmonies

## Analogous

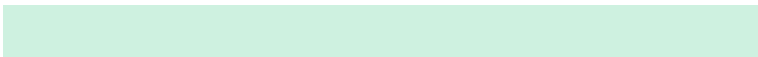
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.7760, -13.6936, 5.4584



229.8390, -9.2876, -7.7518



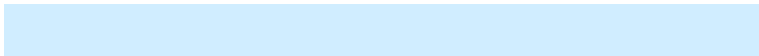
228.5970, -2.2663, -19.8176

# Triad

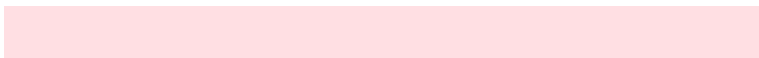
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.8390, -9.2876, -7.7518



230.3810, 12.1372, -19.6281



233.0240, -2.9698, 19.2730

# Complementary

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



229.8390, -9.2876, -7.7518



219.1610, 9.2876, 7.7518

# 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.



235.3210, 3.2927, 17.2585



229.8390, -9.2876, -7.7518



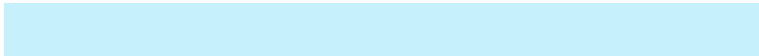
232.5290, 11.0782, -6.6029

# Square

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



229.8390, -9.2876, -7.7518



228.5110, 11.5801, -27.6351



234.8620, 9.4350, 7.1370

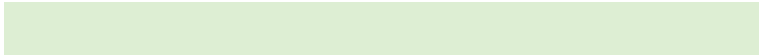


232.6020, -9.6638, 19.6430



# Rectangle

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



229.8390, -9.2876, -7.7518



227.6440, 3.1335, -25.1208



234.8620, 9.4350, 7.1370



233.5940, -0.7858, 18.7731

# Sweetspot

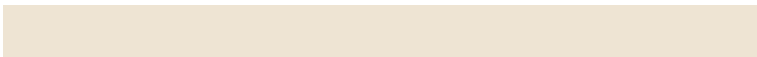
The Sweet Spot groups the original color and five complimentary colors.



229.8390, -9.2876, -7.7518



252.5930, -2.7573, -2.2741



229.0520, -8.8996, 7.8474



126.1200, -2.0312, -1.8592



0.0000, 0.0000, 0.0000

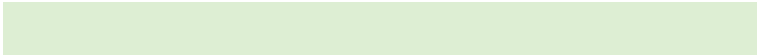


128.0000, 0.0000, 0.0000

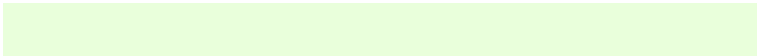


# Same Dimension

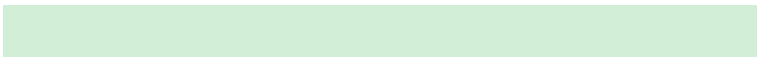
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.8390, -9.2876, -7.7518



244.3180, -12.4818, -9.9259



227.1910, -6.5032, -14.1995



116.2400, -4.0623, -3.7185



128.3400, -63.2716, -52.9182



39.1510, -19.3014, -15.9184



# Inverse Universe

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



219.1610, 9.2876, 7.7518



229.9810, 12.3344, 10.5407



221.8090, 6.5032, 14.1995



111.4610, 4.2097, 3.1037



55.6600, 63.2716, 52.9182

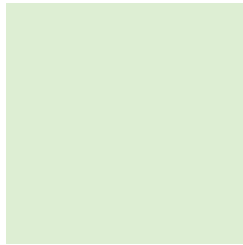


16.8490, 19.3014, 15.9184



# Previews

## White Background



This preview shows how the YUV color 229.8390, -9.2876, -7.7518 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

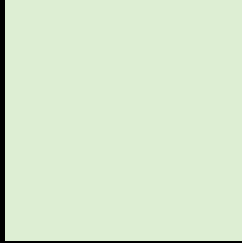
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.8390, -9.2876, -7.7518 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

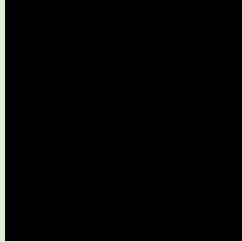
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

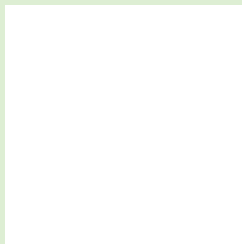
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 229.8390, -9.2876, -7.7518

## Background



This preview shows how black text looks on a background with the YUV color 229.8390, -9.2876, -7.7518.



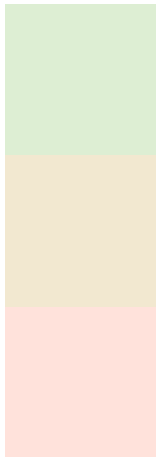
This preview shows how white text looks on a background with the YUV color 229.8390, -9.2876, -7.7518.

-7.7518.

# 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

229.8390, -9.2876, -7.7518

### Protanopia

232.2540, -11.9572, 8.5472

### Deuteranopia

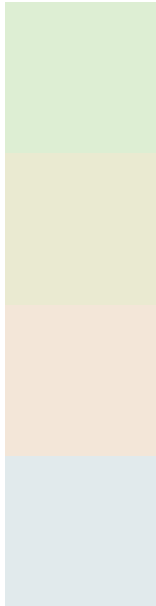
233.8730, -7.3324, 18.5284



## Tritanopia

232.6710, 9.0362, -4.9735

# Trichromacy



## Original Color

229.8390, -9.2876, -7.7518

## Protanomaly

231.1500, -10.9200, 2.4994

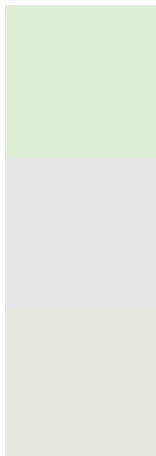
## Deuteranomaly

232.2910, -8.0315, 9.3918

## Tritanomaly

231.5370, 2.2003, -5.7329

# Monochromacy



## Original Color

229.8390, -9.2876, -7.7518

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

230.0660, -3.4835, -2.6889

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.8390, -9.2876, -7.7518 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(221, 238, 211)` looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 211)  
}
```

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(221, 238, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 211) }
```

## Border

The CSS property to change the border of an element to YUV 229.8390, -9.2876, -7.7518 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(221, 238, 211) }
```



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

```
.border{ border-color:rgb(221, 238, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 238, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 211);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
211) }
```

# Background

The CSS property to change the background color of an element to YUV 229.8390, -9.2876, -7.7518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 211) }
```

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

```
.background{ background-color: rgb(221,  
238, 211) }
```

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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