

# Converting Colors

YUV(231.9120, -36.9316,  
-7.8158)

Have a look what the booklet for  
YUV(231.9120, -36.9316, -7.8158)  
contains.

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# Color

**YUV(231.9120, -36.9316,  
-7.8158)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFFB9D
RGB	223, 251, 157
RGB Percent	87%, 98%, 62%
CMY	0.1255, 0.0157, 0.3843
CMYK	0.11, 0.00, 0.37, 0.02
HSL	78°, 92%, 80%
HSV	78°, 37%, 98%
XYZ	71.0144, 87.1167, 44.9706
YIQ	231.9120, 13.4860, -35.1700

# Conversions

## Conversions Part 2

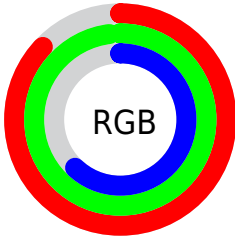
Format	Color
<a href="#">RYB</a>	<a href="#">157, 251, 185</a>
Decimal	<a href="#">14678941</a>
CIELab	<a href="#">94.79, -23.83, 42.07</a>
CIELCh	<a href="#">95, 48.350, 119.528</a>
Yxy	<a href="#">87.1167, 0.3496, 0.4289</a>
Android (android.graphics.Color)	<a href="#">4292869021 (0xFFDFFB9D)</a>
YUV	<a href="#">231.9120, -36.9316, -7.8158</a>
Hunter-Lab	<a href="#">93.3363, -27.5278, 36.7687</a>

# Details

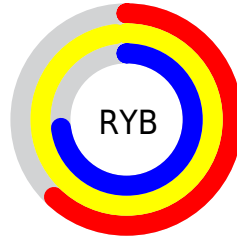
The YUV color **231.9120, -36.9316, -7.8158** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **176.0880, 36.9316, 7.8158**, and the grayscale version is **232.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.2120, -18.3455, 4.1991**, and **175.6670, -35.3318, -7.6010** is the 20% darker color. If you saturate the color by 10%, you get **226.9690, -46.8197, -9.6198**, and if you desaturate by 10%, it is **236.8550, -27.0435, -6.0118**.

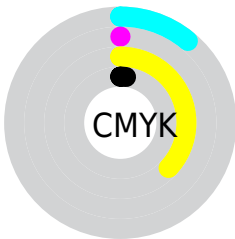
# Distribution



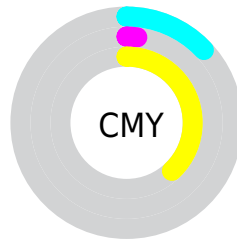
- Red (87%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 231.9120, -36.9316, -7.8158 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 231.9120, -36.9316, -7.8158 by changing the saturation by 10% instead.



■ 231.9120,  
-36.9316, -7.8158

■ 231.9120,  
-36.9316, -7.8158

255.0000, 0.0000,  
0.0000

■ 203.1400,  
-36.0580, -8.0158

■ 250.2120,  
-18.3455, 4.1991

■ 175.6670,  
-35.3318, -7.6010

■ 253.4040, -6.1152,  
1.3997

■ 148.5960,  
-34.3108, -8.4157

■ 122.7100,  
-33.8740, -8.5157

■ 96.7100, -33.8740,  
-8.5157

■ 71.3680, -35.1844,  
-8.2157

■ 50.6910, -24.9907,

-11.1300

■ 28.8180, -14.2073,  
-16.5034

■ 14.6750, -7.2348,  
-12.8700

■ 231.9120,  
-36.9316, -7.8158

■ 231.9120,  
-36.9316, -7.8158

■ 226.9690,  
-46.8197, -9.6198

■ 236.8550,  
-27.0435, -6.0118

■ 221.7270,  
-56.5604, -12.0386

■ 242.0970,  
-17.3028, -3.5931

■ 216.7840,  
-66.4485, -13.8426

■ 247.0400, -7.4147,  
-1.7891

■ 211.5420,  
-76.1892, -16.2613

■ 252.0540, 1.4524,  
0.8296

■ 206.4850,  
-86.5141, -17.9653

■ 252.6520, 1.1576,  
2.0592

■ 201.2430,  
-96.2548, -20.3841

■ 199.9610,  
-98.5808, -21.0138

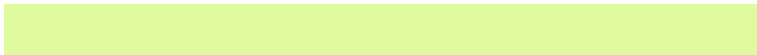
# Harmonies

## Analogous

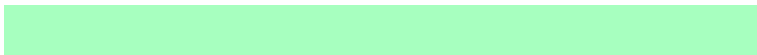
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.0080, -42.4019, 20.1640



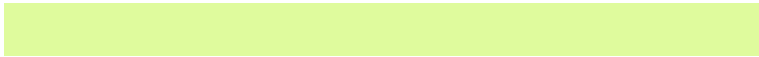
231.9120, -36.9316, -7.8158



221.3920, -14.9833, -47.7018

# Triad

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



231.9120, -36.9316, -7.8158



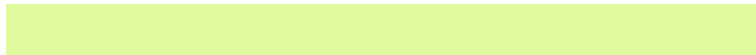
205.0670, 24.6170, -102.6678



223.6950, 9.5174, 27.4545

# Complementary

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



231.9120, -36.9316, -7.8158



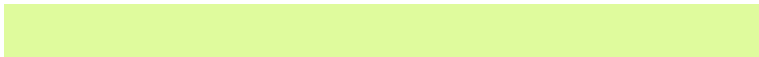
176.0880, 36.9316, 7.8158

# 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.



229.7590, 12.4438, 22.1364



231.9120, -36.9316, -7.8158



224.0140, 15.2761, -46.4933

# Square

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



231.9120, -36.9316, -7.8158



191.0140, 31.5451, -131.5623



235.8620, 9.4350, 7.1370

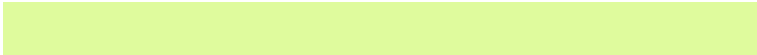


220.0980, -11.8803, 30.6091



# Rectangle

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



231.9120, -36.9316, -7.8158



212.5530, 4.1644, -75.9070



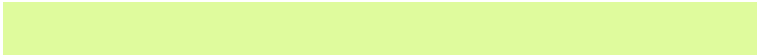
235.8620, 9.4350, 7.1370



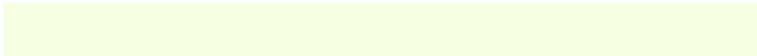
225.6500, 14.4696, 25.7400

# Sweetspot

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



231.9120, -36.9316, -7.8158



249.4160, -11.0511, -2.1188



200.9550, -21.6698, 43.8895



124.5670, -6.6885, -1.3743



0.0000, 0.0000, 0.0000

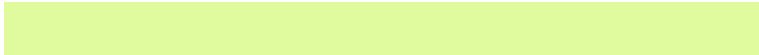


128.0000, 0.0000, 0.0000

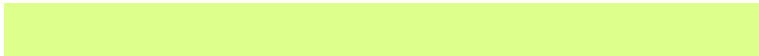


# Same Dimension

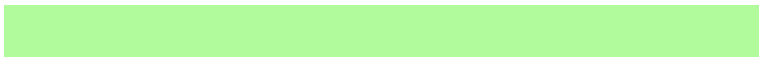
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.9120, -36.9316, -7.8158



231.7240, -45.2199, -9.4049



218.1580, -30.1509, -36.0956



122.3220, -5.0887, -1.1594



150.4110, -74.1526, -16.1464



48.6640, -23.9914, -4.9673



# Inverse Universe

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



176.0880, 36.9316, 7.8158



163.2760, 45.2199, 9.4049



189.8420, 30.1509, 36.0956



114.6780, 5.0887, 1.1594



38.2900, 74.3000, 15.5317

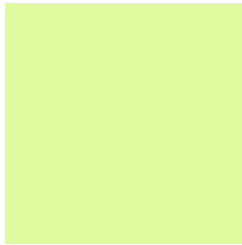


12.3360, 23.9914, 4.9673



# Previews

## White Background



This preview shows how the YUV color 231.9120, -36.9316, -7.8158 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

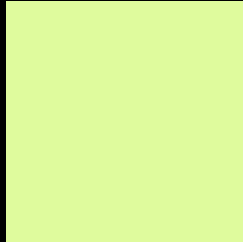
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 231.9120, -36.9316, -7.8158 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

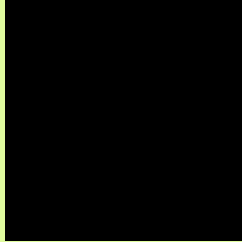
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

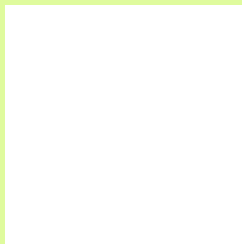
Any Text WCAG AAA ✓ Pass

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

# YUV 231.9120, -36.9316, -7.8158 Background



This preview shows how black text looks on a background with the YUV color 231.9120, -36.9316, -7.8158.



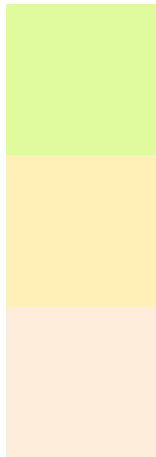
This preview shows how white text looks on a background with the YUV color 231.9120, -36.9316, -7.8158.

-7.8158.

# 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

231.9120, -36.9316, -7.8158

### Protanopia

237.9870, -27.1086, 14.9204

### Deuteranopia

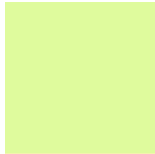
240.4440, -10.0789, 12.7656



## Tritanopia

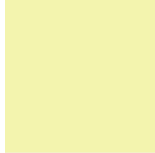
240.2260, 7.2836, -2.8292

# Trichromacy



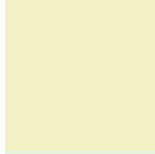
## Original Color

231.9120, -36.9316, -7.8158



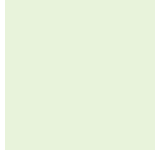
## Protanomaly

235.7210, -30.4285, 6.3837



## Deuteranomaly

237.1690, -19.8033, 5.1138



## Tritanomaly

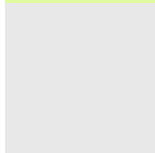
236.9750, -8.8617, -4.3631

# Monochromacy



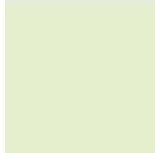
## Original Color

231.9120, -36.9316, -7.8158



## Achromatopsia

232.0000, 0.0000, 0.0000



## Achromatomaly

232.1340, -13.3771, -2.7485

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.9120, -36.9316, -7.8158 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(223, 251, 157)` looks like.

```
.text, #text, p{  
    color:rgb(223, 251, 157)  
}
```

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(223, 251, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 251, 157) }
```

## Border

The CSS property to change the border of an element to YUV 231.9120, -36.9316, -7.8158 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(223, 251, 157) }
```



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

```
.border{ border-color:rgb(223, 251, 157) }
```

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

Here you see how a box with a 4 pixel rgb(223, 251, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 251, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 251, 157);  
box-shadow:4px 4px 4px 4px rgb(223, 251,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 231.9120, -36.9316, -7.8158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 251, 157) }
```

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

```
.background{ background-color: rgb(223,  
251, 157) }
```

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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