

# Converting Colors

YUV(231.5430, -23.9317,  
-24.1552)

Have a look what the booklet for  
YUV(231.5430, -23.9317, -24.1552)  
contains.

<b>YUV(231.5430, -23.9317, -24.1552)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(231.5430, -23.9317,  
-24.1552)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCFFB7
RGB	204, 255, 183
RGB Percent	80%, 100%, 72%
CMY	0.2000, 0.0000, 0.2824
CMYK	0.20, 0.00, 0.28, 0.00
HSL	102°, 100%, 86%
HSV	102°, 28%, 100%
XYZ	69.2091, 87.7763, 58.0946
YIQ	231.5430, -7.2840, -33.2040

# Conversions

## Conversions Part 2

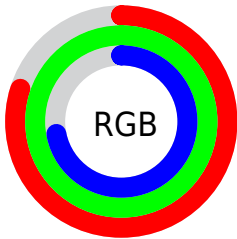
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 255, 234
Decimal	13434807
CIELab	95.07, -28.91, 29.28
CIELCh	95, 41.147, 134.635
Yxy	87.7763, 0.3218, 0.4081
Android (android.graphics.Color)	4291624887 (0xFFCCFFB7)
YUV	231.5430, -23.9317, -24.1552
Hunter-Lab	93.6890, -32.0958, 28.8178

# Details

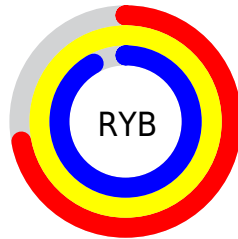
The YUV color **231.5430, -23.9317, -24.1552** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **206.4570, 23.9317, 24.1552**, and the grayscale version is **232.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.1760, -6.9888, 1.5996**, and **175.5970, -22.4793, -23.3256** is the 20% darker color. If you saturate the color by 10%, you get **223.3110, -32.1983, -32.7217**, and if you desaturate by 10%, it is **239.8890, -15.2283, -15.6887**.

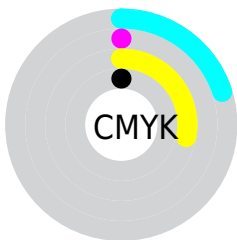
# Distribution



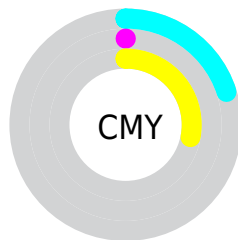
- Red (80%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 231.5430, -23.9317, -24.1552 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 231.5430, -23.9317, -24.1552 by changing the saturation by 10% instead.



■ 231.5430,  
-23.9317, -24.1552

■ 231.5430,  
-23.9317, -24.1552

255.0000, 0.0000,  
0.0000

■ 203.0700,  
-23.2055, -23.7404

■ 253.1760, -6.9888,  
1.5996

■ 175.5970,  
-22.4793, -23.3256

■ 148.7110,  
-22.0425, -23.4255

■ 122.2380,  
-21.3163, -23.0107

■ 96.7650, -20.5901,  
-22.5959

■ 71.9930, -19.7165,  
-22.7959

■ 47.5090, -18.9849,

-24.1254

■ 27.0020, -13.3120,  
-23.6808

■ 15.2620, -7.5242,  
-13.3848

■ 231.5430,  
-23.9317, -24.1552

■ 231.5430,  
-23.9317, -24.1552

■ 223.3110,  
-32.1983, -32.7217

■ 239.8890,  
-15.2283, -15.6887

■ 214.9650,  
-40.9017, -41.1883

■ 248.1210, -6.9617,  
-7.1221

■ 206.6190,  
-49.6052, -49.6549

255.0000, 0.0000,  
0.0000

■ 198.3870,  
-57.8718, -58.2214

■ 190.1550,  
-66.1384, -66.7879

■ 181.8090,  
-74.8418, -75.2545

■ 173.5770,  
-83.1085, -83.8210

■ 171.8110,  
-84.7028, -85.7802

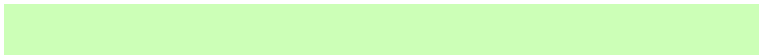
# Harmonies

## Analogous

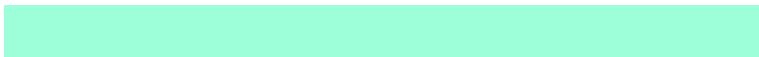
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.8480, -36.4071, 10.6573



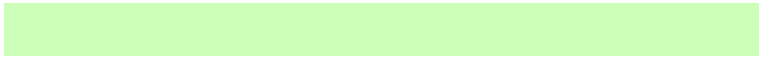
231.5430, -23.9317, -24.1552



221.4800, -1.7156, -56.5490

# Triad

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



231.5430, -23.9317, -24.1552



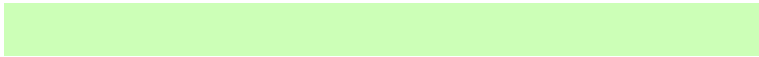
223.3500, 15.6035, -58.1889



225.5240, -1.2443, 25.8505

# Complementary

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



231.5430, -23.9317, -24.1552



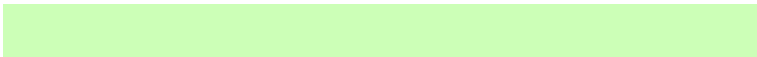
206.4570, 23.9317, 24.1552

# Split Complementary

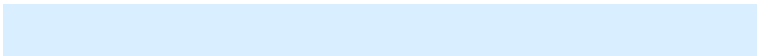
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.3460, 12.1544, 21.6216



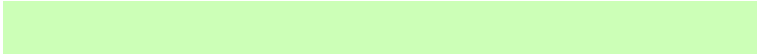
231.5430, -23.9317, -24.1552



233.6590, 10.5211, -14.6099

# Square

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



231.5430, -23.9317, -24.1552



212.2430, 21.0792, -87.9131



236.8030, 8.9711, 15.9588

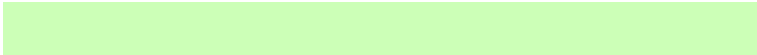


226.1160, -19.2842, 25.3313



# Rectangle

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



231.5430, -23.9317, -24.1552



216.0010, 14.7895, -77.1769



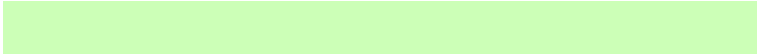
236.8030, 8.9711, 15.9588



227.0060, 4.4340, 24.5507

# Sweetspot

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



231.5430, -23.9317, -24.1552



248.5340, -6.6723, -6.6073



233.8780, -25.0829, 18.5240



123.5280, -4.2043, -4.8481



0.0000, 0.0000, 0.0000

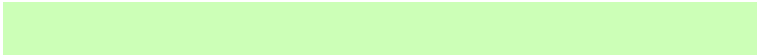


128.0000, 0.0000, 0.0000

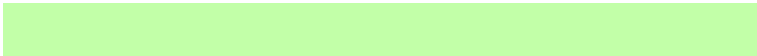


# Same Dimension

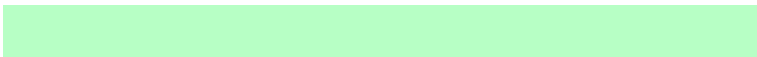
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.5430, -23.9317, -24.1552



226.8430, -29.0096, -28.8033



226.8600, -14.7210, -38.4652



123.5280, -4.2043, -4.8481



128.8610, -63.5285, -63.8991



43.2490, -21.3218, -21.2664



# Inverse Universe

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



206.4570, 23.9317, 24.1552



196.4560, 28.8622, 29.4181



211.1400, 14.7210, 38.4652



119.1730, 4.3517, 4.2333



62.1390, 63.5285, 63.8991

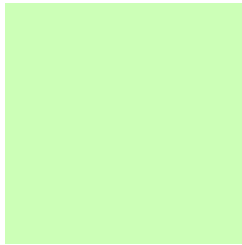


20.7510, 21.3218, 21.2664



# Previews

## White Background



This preview shows how the YUV color 231.5430, -23.9317, -24.1552 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

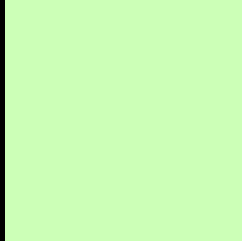
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 231.5430, -23.9317, -24.1552 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

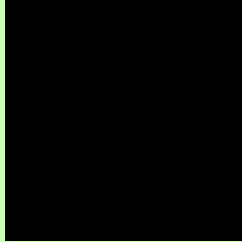
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

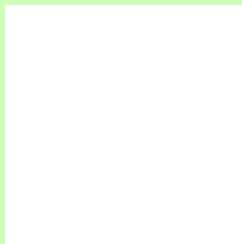
Any Text WCAG AAA ✓ Pass

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

# YUV 231.5430, -23.9317, -24.1552 Background



This preview shows how black text looks on a background with the YUV color 231.5430, -23.9317, -24.1552.



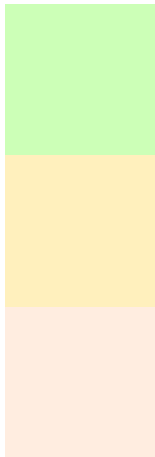
This preview shows how white text looks on a background with the YUV color 231.5430, -23.9317, -24.1552.

-24.1552.

# 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

231.5430, -23.9317, -24.1552

### Protanopia

238.6710, -24.4878, 14.3205

### Deuteranopia

240.9000, -8.3317, 12.3657



## Tritanopia

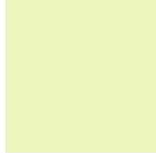
239.2850, 7.7475, -11.6509

# Trichromacy



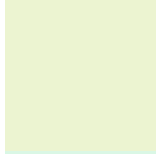
## Original Color

231.5430, -23.9317, -24.1552



## Protanomaly

235.6970, -24.0076, 0.2657



## Deuteranomaly

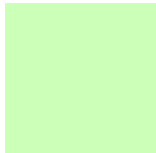
237.6180, -14.1087, -1.4190



## Tritanomaly

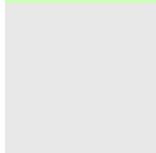
236.2770, -3.5876, -16.0289

# Monochromacy



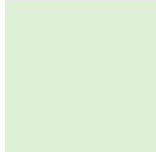
## Original Color

231.5430, -23.9317, -24.1552



## Achromatopsia

232.0000, 0.0000, 0.0000



## Achromatomaly

231.6540, -8.7034, -8.4666

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.5430, -23.9317, -24.1552 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(204, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 183)  
}
```

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(204, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 183) }
```

## Border

The CSS property to change the border of an element to YUV 231.5430, -23.9317, -24.1552 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(204, 255, 183) }
```



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

```
.border{ border-color:rgb(204, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
183) }
```

# Background

The CSS property to change the background color of an element to YUV 231.5430, -23.9317, -24.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 183) }
```

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

```
.background{ background-color: rgb(204,  
255, 183) }
```

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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