

# Converting Colors

YUV(231.2540, -18.8592,  
-17.7628)

Have a look what the booklet for  
YUV(231.2540, -18.8592, -17.7628)  
contains.

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# Color

**YUV(231.2540, -18.8592,  
-17.7628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3F9C1
RGB	211, 249, 193
RGB Percent	83%, 98%, 76%
CMY	0.1725, 0.0235, 0.2431
CMYK	0.15, 0.00, 0.22, 0.02
HSL	101°, 82%, 87%
HSV	101°, 22%, 98%
XYZ	70.3653, 85.4505, 63.2370
YIQ	231.2540, -4.6720, -25.4720

# Conversions

## Conversions Part 2

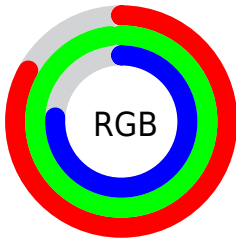
Format	Color
<b>RYB</b>	193, 249, 231
Decimal	13892033
CIELab	94.08, -22.15, 22.92
CIElCh	94, 31.877, 134.021
Yxy	85.4505, 0.3212, 0.3901
Android (android.graphics.Color)	4292082113 (0xFFD3F9C1)
YUV	231.2540, -18.8592, -17.7628
Hunter-Lab	92.4394, -25.8941, 24.1478

# Details

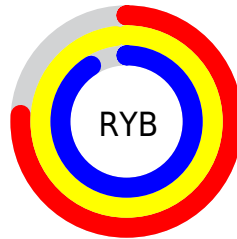
The YUV color  $231.2540, -18.8592, -17.7628$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $210.7460, 18.8592, 17.7628$ , and the grayscale version is  $231.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.4300, -2.1840, 0.4999$ , and  $175.1940, -17.8436, -16.8331$  is the 20% darker color. If you saturate the color by 10%, you get  $223.3210, -27.2733, -25.7145$ , and if you desaturate by 10%, it is  $239.1870, -10.4452, -9.8110$ .

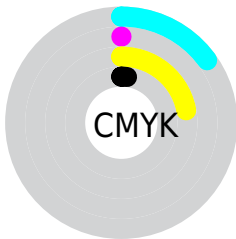
# Distribution



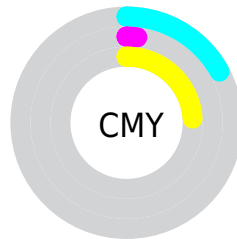
- Red (83%)
- Green (98%)
- Blue (76%)



- Red (76%)
- Yellow (98%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (17%)
- Magenta (2%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 231.2540, -18.8592, -17.7628 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 231.2540, -18.8592, -17.7628 by changing the saturation by 10% instead.



■ 231.2540,  
-18.8592, -17.7628

■ 231.2540,  
-18.8592, -17.7628

255.0000, 0.0000,  
0.0000

■ 202.7810,  
-18.1330, -17.3479

■ 254.4300, -2.1840,  
0.4999

■ 175.1940,  
-17.8436, -16.8331

■ 148.4220,  
-16.9700, -17.0331

■ 122.8350,  
-16.6807, -16.5183

■ 97.3620, -15.9545,  
-16.1035

■ 73.4760, -15.5177,  
-16.2035

■ 50.0030, -14.7915,

-15.7886

■ 27.9430, -13.7759,  
-14.8590

■ 13.5010, -6.6560,  
-11.8404

■ 231.2540,  
-18.8592, -17.7628

■ 231.2540,  
-18.8592, -17.7628

■ 223.3210,  
-27.2733, -25.7145

■ 239.1870,  
-10.4452, -9.8110

■ 215.3880,  
-35.6873, -33.6663

■ 247.1200, -2.0312,  
-1.8592

■ 207.4550,  
-44.1013, -41.6180

■ 251.4780, 1.7363,  
3.0888

■ 199.5220,  
-52.5153, -49.5698

■ 192.0020,  
-60.6400, -57.0068

■ 184.0690,  
-69.0540, -64.9585

■ 176.1360,  
-77.4680, -72.9103

■ 170.0830,  
-83.8509, -79.0028

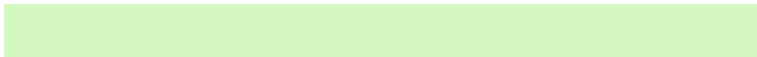
# Harmonies

## Analogous

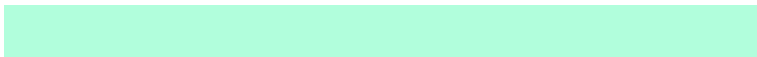
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.3130, -28.2553, 9.3725



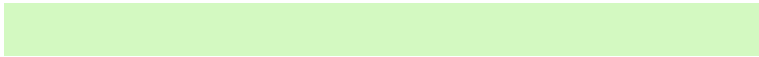
231.2540, -18.8592, -17.7628



227.1010, -3.5008, -43.9386

# Triad

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



231.2540, -18.8592, -17.7628



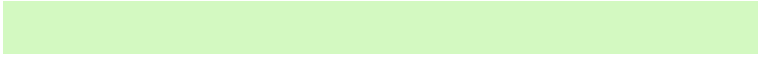
226.9930, 13.8075, -42.0899



228.5730, -2.2545, 23.1765

# Complementary

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



231.2540, -18.8592, -17.7628



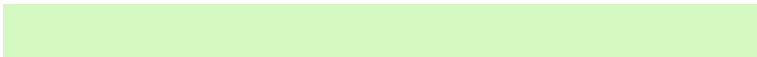
210.7460, 18.8592, 17.7628

# Split Complementary

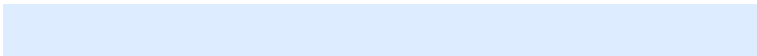
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.2810, 10.7075, 19.0476



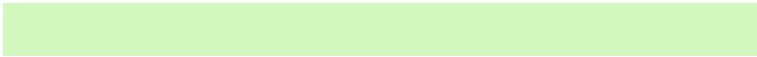
231.2540, -18.8592, -17.7628



233.6810, 10.5103, -11.1212

# Square

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



231.2540, -18.8592, -17.7628



222.7300, 15.9091, -62.9072



237.3900, 8.6817, 15.4440

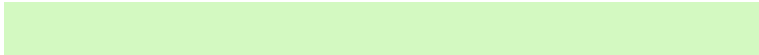


228.4300, -15.4950, 23.3019

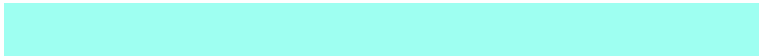


# Rectangle

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



231.2540, -18.8592, -17.7628



224.4010, 8.1833, -58.2337



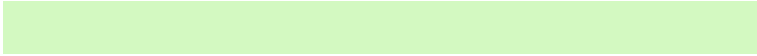
237.3900, 8.6817, 15.4440



229.8270, 2.5503, 22.0767

# Sweetspot

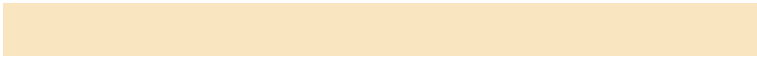
The Sweet Spot groups the original color and five complimentary colors.



231.2540, -18.8592, -17.7628



249.3600, -6.0935, -5.5777



231.4630, -18.9623, 15.3799



124.6530, -3.7729, -3.2037



0.0000, 0.0000, 0.0000

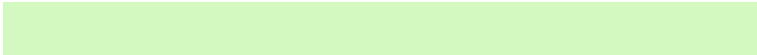


128.0000, 0.0000, 0.0000

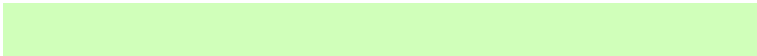


# Same Dimension

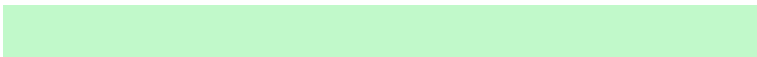
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.2540, -18.8592, -17.7628



233.0810, -23.2109, -21.9960



226.8980, -12.2747, -29.7285



120.8270, -4.3517, -4.2333



129.1820, -63.6867, -59.7956



41.7870, -20.6010, -19.1072



# Inverse Universe

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



210.7460, 18.8592, 17.7628



207.9190, 23.2109, 21.9960



215.1020, 12.2747, 29.7285



116.1730, 4.3517, 4.2333



59.8180, 63.6867, 59.7956

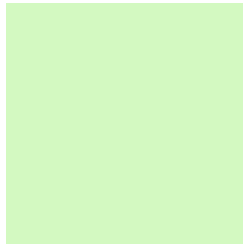


19.5120, 20.4536, 19.7220



# Previews

## White Background



This preview shows how the YUV color 231.2540, -18.8592, -17.7628 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

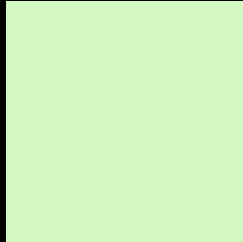
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 231.2540, -18.8592, -17.7628 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

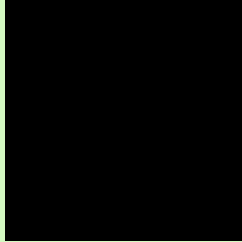
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

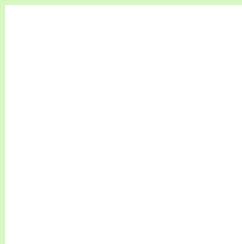
Any Text WCAG AAA ✓ Pass

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

# YUV 231.2540, -18.8592, -17.7628 Background



This preview shows how black text looks on a background with the YUV color 231.2540, -18.8592, -17.7628.



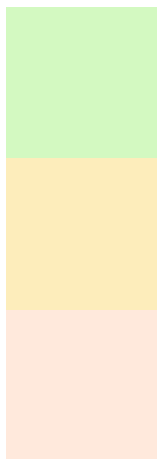
This preview shows how white text looks on a background with the YUV color 231.2540, -18.8592, -17.7628.

-17.7628.

# 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

231.2540, -18.8592, -17.7628

### Protanopia

236.0840, -24.1984, 14.8353

### Deuteranopia

238.0960, -8.9213, 14.8248



## Tritanopia

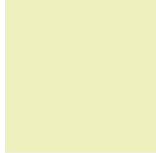
237.2250, 8.7631, -10.7213

# Trichromacy



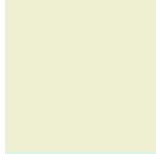
## Original Color

231.2540, -18.8592, -17.7628



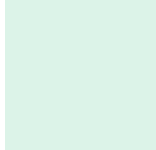
## Protanomaly

234.1750, -22.2713, 3.3545



## Deuteranomaly

235.6940, -12.6671, 2.8994



## Tritanomaly

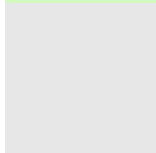
234.8690, -1.4144, -13.0401

# Monochromacy



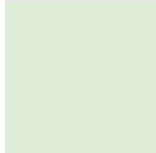
## Original Color

231.2540, -18.8592, -17.7628



## Achromatopsia

231.0000, 0.0000, 0.0000



## Achromatomaly

231.4200, -7.1091, -6.5073

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.2540, -18.8592, -17.7628 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(211, 249, 193)` looks like.

```
.text, #text, p{  
    color:rgb(211, 249, 193)  
}
```

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(211, 249, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 249, 193) }
```

## Border

The CSS property to change the border of an element to YUV 231.2540, -18.8592, -17.7628 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(211, 249, 193) }
```



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

```
.border{ border-color:rgb(211, 249, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 249, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 249, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 249, 193);  
box-shadow:4px 4px 4px 4px rgb(211, 249,  
193) }
```

# Background

The CSS property to change the background color of an element to YUV 231.2540, -18.8592, -17.7628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 249, 193) }
```

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

```
.background{ background-color: rgb(211,  
249, 193) }
```

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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