

# Converting Colors

YUV(231.9180, -19.1866,  
-6.0671)

Have a look what the booklet for  
YUV(231.9180, -19.1866, -6.0671)  
contains.

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# Color

**YUV(231.9180, -19.1866,  
-6.0671)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1F3C1
RGB	225, 243, 193
RGB Percent	88%, 95%, 76%
CMY	0.1176, 0.0471, 0.2431
CMYK	0.07, 0.00, 0.21, 0.05
HSL	82°, 68%, 85%
HSV	82°, 21%, 95%
XYZ	72.7276, 83.9590, 62.8246
YIQ	231.9180, 5.3220, -19.3660

# Conversions

## Conversions Part 2

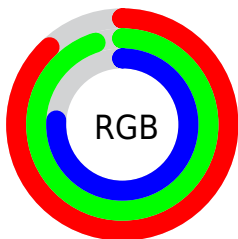
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 243, 211
Decimal	14808001
CIELab	93.43, -14.37, 22.17
CIELCh	93, 26.423, 122.943
Yxy	83.9590, 0.3313, 0.3825
Android (android.graphics.Color)	4292998081 (0xFFE1F3C1)
YUV	231.9180, -19.1866, -6.0671
Hunter-Lab	91.6291, -18.6726, 23.4888

# Details

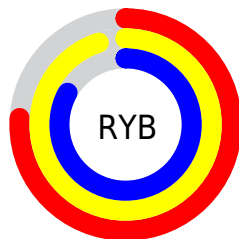
The YUV color  $231.9180, -19.1866, -6.0671$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $204.0820, 19.1866, 6.0671$ , and the grayscale version is  $232.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.4300, -2.1840, 0.4999$ , and  $176.1460, -18.3130, -6.2670$  is the 20% darker color. If you saturate the color by 10%, you get  $226.4910, -28.3431, -9.2006$ , and if you desaturate by 10%, it is  $237.3450, -10.0301, -2.9336$ .

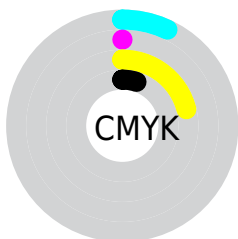
# Distribution



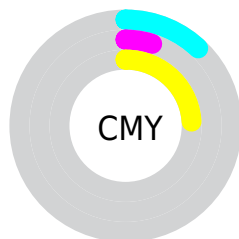
- Red (88%)
- Green (95%)
- Blue (76%)



- Red (76%)
- Yellow (95%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 231.9180, -19.1866, -6.0671 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 231.9180, -19.1866, -6.0671 by changing the saturation by 10% instead.



■ 231.9180,  
-19.1866, -6.0671

■ 231.9180,  
-19.1866, -6.0671

255.0000, 0.0000,  
0.0000

■ 204.0320,  
-18.7498, -6.1671

■ 254.4300, -2.1840,  
0.4999

■ 176.1460,  
-18.3130, -6.2670

■ 149.6730,  
-17.5868, -5.8522

■ 123.7870,  
-17.1500, -5.9522

■ 98.3140, -16.4238,  
-5.5374

■ 74.4280, -15.9870,  
-5.6374

■ 51.6560, -15.1134,

-5.8373

■ 30.3680, -14.9714,  
-4.7077

■ 11.7400, -5.7878,  
-10.2960

■ 231.9180,  
-19.1866, -6.0671

■ 231.9180,  
-19.1866, -6.0671

■ 226.4910,  
-28.3431, -9.2006

■ 237.3450,  
-10.0301, -2.9336

■ 221.2490,  
-38.0838, -11.6194

■ 242.5870, -0.2894,  
-0.5148

■ 215.8220,  
-47.2402, -14.7529

■ 246.7600, 4.0623,  
3.7185

■ 210.3950,  
-56.3967, -17.8864

■ 247.9560, 3.4727,  
6.1776

■ 204.9680,  
-65.5532, -21.0199

■ 199.7260,  
-75.2939, -23.4387

■ 194.2990,  
-84.4504, -26.5722

■ 189.2850,  
-93.3175, -29.1909

# Harmonies

## Analogous

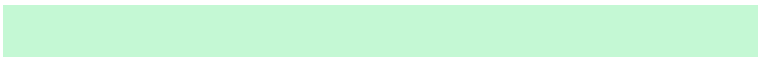
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.6820, -24.4932, 16.0649



231.9180, -19.1866, -6.0671



228.3480, -8.0596, -28.3692

# Triad

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



231.9180, -19.1866, -6.0671



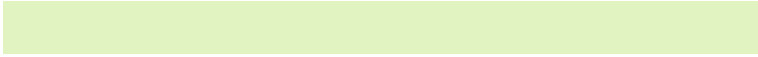
226.7050, 13.9494, -40.9603



230.8870, 1.5347, 21.1471

# Complementary

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



231.9180, -19.1866, -6.0671



204.0820, 19.1866, 6.0671

# Split Complementary

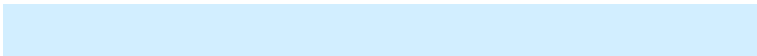
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.0420, 9.8393, 17.5032



231.9180, -19.1866, -6.0671



231.5660, 11.5530, -18.9134

# Square

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



231.9180, -19.1866, -6.0671



225.4540, 14.5662, -52.1412



236.4490, 9.1456, 6.6222



229.3250, -9.5272, 22.5170

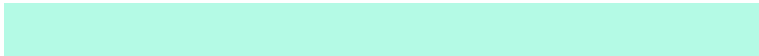


# Rectangle

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



231.9180, -19.1866, -6.0671



226.6760, 1.1457, -40.9349



236.4490, 9.1456, 6.6222



232.5000, 5.1765, 19.7325

# Sweetspot

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



231.9180, -19.1866, -6.0671



251.4960, -5.6675, -2.1890



217.9290, -12.2900, 21.9873



125.7780, -3.3416, -1.5593



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

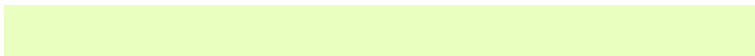


# Same Dimension

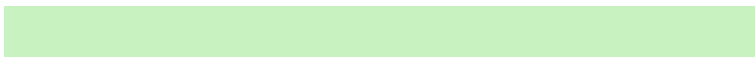
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.9180, -19.1866, -6.0671



240.8270, -24.5647, -7.7413



224.4430, -15.5014, -21.4365



119.4360, -4.6519, -1.2594



144.7630, -71.3682, -22.5942



45.9950, -22.6755, -7.0116



# Inverse Universe

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



204.0820, 19.1866, 6.0671



205.1730, 24.5647, 7.7413



211.2580, 15.6488, 20.8217



112.8630, 4.5045, 1.8741



41.2370, 71.3682, 22.5942

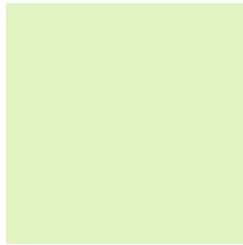


13.0050, 22.6755, 7.0116



# Previews

## White Background



This preview shows how the YUV color 231.9180, -19.1866, -6.0671 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 231.9180, -19.1866, -6.0671 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

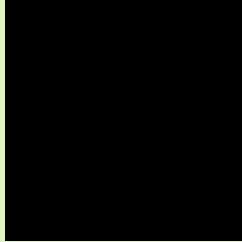
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

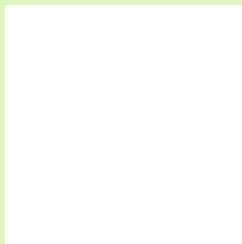
Any Text WCAG AAA ✓ Pass

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

# YUV 231.9180, -19.1866, -6.0671 Background



This preview shows how black text looks on a background with the YUV color 231.9180, -19.1866, -6.0671.



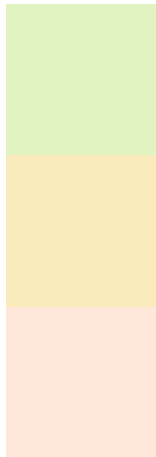
This preview shows how white text looks on a background with the YUV color 231.9180, -19.1866, -6.0671.

-6.0671.

# 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

231.9180, -19.1866, -6.0671

### Protanopia

234.2410, -22.3038, 13.8206

### Deuteranopia

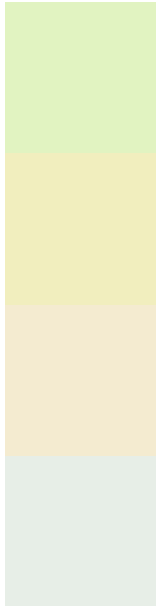
236.5800, -9.6529, 16.1543



## Tritanopia

236.7530, 8.0098, -2.4144

# Trichromacy



## Original Color

231.9180, -19.1866, -6.0671

## Protanomaly

233.4250, -21.4085, 6.6433

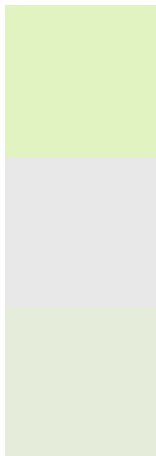
## Deuteranomaly

234.6130, -13.1202, 8.2324

## Tritanomaly

235.1090, -2.0257, -3.6036

# Monochromacy



## Original Color

231.9180, -19.1866, -6.0671

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

231.8550, -6.8305, -2.5038

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.9180, -19.1866, -6.0671 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(225, 243, 193)` looks like.

```
.text, #text, p{  
    color:rgb(225, 243, 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(225, 243, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 243, 193) }
```

## Border

The CSS property to change the border of an element to YUV 231.9180, -19.1866, -6.0671 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(225, 243, 193) }
```



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

```
.border{ border-color:rgb(225, 243, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 243, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 243, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 243, 193); box-shadow:4px 4px 4px 4px rgb(225, 243, 193) }
```

# Background

The CSS property to change the background color of an element to YUV 231.9180, -19.1866, -6.0671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 243, 193) }
```

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

```
.background{ background-color: rgb(225,  
243, 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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