

Converting Colors

YUV(234.8410, -19.1486,
-18.2776)

Have a look what the booklet for
YUV(234.8410, -19.1486, -18.2776)
contains.

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Color

**YUV(234.8410, -19.1486,
-18.2776)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FDC4
RGB	214, 253, 196
RGB Percent	84%, 99%, 77%
CMY	0.1608, 0.0078, 0.2314
CMYK	0.15, 0.00, 0.23, 0.01
HSL	101°, 93%, 88%
HSV	101°, 23%, 99%
XYZ	72.8206, 88.5322, 65.4749
YIQ	234.8410, -4.9470, -25.9950

Conversions

Conversions Part 2

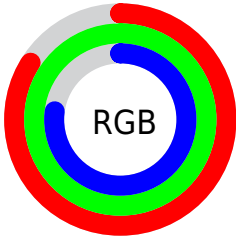
Format	Color
RYB	196, 253, 235
Decimal	14089668
CIELab	95.38, -22.59, 23.23
CIElCh	95, 32.402, 134.195
Yxy	88.5322, 0.3210, 0.3903
Android (android.graphics.Color)	4292279748 (0xFFD6FDC4)
YUV	234.8410, -19.1486, -18.2776
Hunter-Lab	94.0916, -26.5131, 24.6063

Details

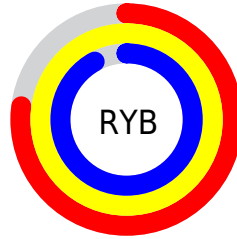
The YUV color **234.8410, -19.1486, -18.2776** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **214.1590, 19.1486, 18.2776**, and the grayscale version is **235.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.7720, -0.8736, 0.2000**, and **178.7810, -18.1330, -17.3479** is the 20% darker color. If you saturate the color by 10%, you get **226.9080, -27.5626, -26.2293**, and if you desaturate by 10%, it is **242.7740, -10.7346, -10.3258**.

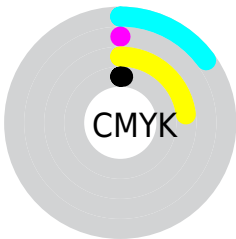
Distribution



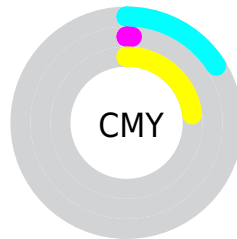
- Red (84%)
- Green (99%)
- Blue (77%)



- Red (77%)
- Yellow (99%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (23%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.8410, -19.1486, -18.2776 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 234.8410, -19.1486, -18.2776 by changing the saturation by 10% instead.

■ 234.8410,
-19.1486, -18.2776

■ 234.8410,
-19.1486, -18.2776

255.0000, 0.0000,
0.0000

■ 206.3680,
-18.4224, -17.8627

254.7720, -0.8736,
0.2000

■ 178.7810,
-18.1330, -17.3479

■ 151.8950,
-17.6962, -17.4479

■ 125.4220,
-16.9700, -17.0331

■ 100.5360,
-16.5332, -17.1331

■ 76.1770, -15.3703,
-16.8182

■ 52.7040, -14.6441,

-16.4034

■ 30.0030, -14.7915,
-15.7886

■ 15.8490, -7.8136,
-13.8996

■ 234.8410,
-19.1486, -18.2776

■ 234.8410,
-19.1486, -18.2776

■ 226.9080,
-27.5626, -26.2293

■ 242.7740,
-10.7346, -10.3258

■ 218.5620,
-36.2661, -34.6959

■ 251.1200, -2.0312,
-1.8592

■ 210.6290,
-44.6801, -42.6476

■ 253.8260, 0.5788,
1.0296

■ 202.6960,
-53.0941, -50.5994

■ 194.4640,
-61.3608, -59.1659

■ 186.4170,
-70.2116, -67.0177

■ 178.4840,
-78.6256, -74.9695

■ 172.4310,
-85.0085, -81.0620

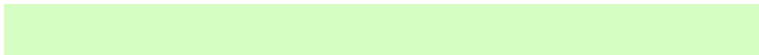
Harmonies

Analogous

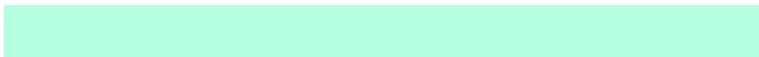
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.3130, -28.2553, 9.3725



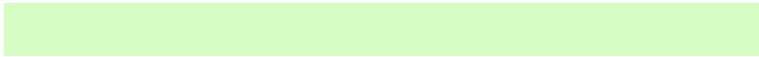
234.8410, -19.1486, -18.2776



228.7420, -2.3378, -43.6237

Triad

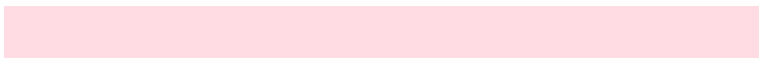
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.8410, -19.1486, -18.2776



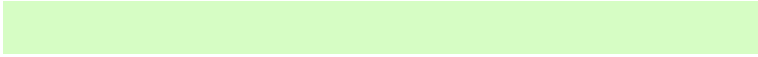
229.9390, 12.3551, -42.9195



230.7900, -1.3755, 21.2322

Complementary

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



234.8410, -19.1486, -18.2776



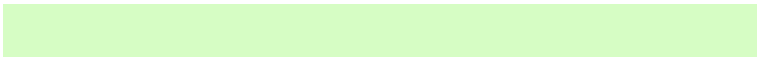
214.1590, 19.1486, 18.2776

Split Complementary

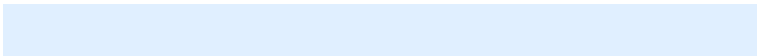
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.0420, 9.8393, 17.5032



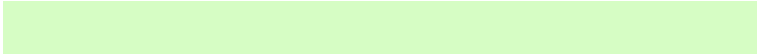
234.8410, -19.1486, -18.2776



236.3390, 9.1999, -10.8213

Square

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



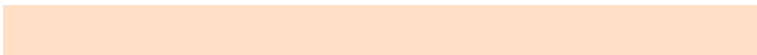
234.8410, -19.1486, -18.2776



224.5020, 15.0355, -62.7073



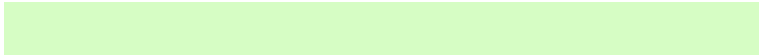
239.7380, 7.5242, 13.3848



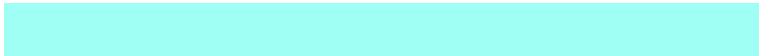
230.4190, -15.4896, 21.5575

Rectangle

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



234.8410, -19.1486, -18.2776



225.4550, 9.6357, -57.4040



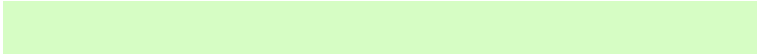
239.7380, 7.5242, 13.3848



231.9300, 2.9925, 20.2324

Sweetspot

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



234.8410, -19.1486, -18.2776



249.3600, -6.0935, -5.5777



235.9360, -19.6884, 14.9651



124.6530, -3.7729, -3.2037



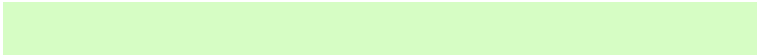
0.0000, 0.0000, 0.0000



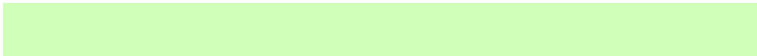
128.0000, 0.0000, 0.0000

Same Dimension

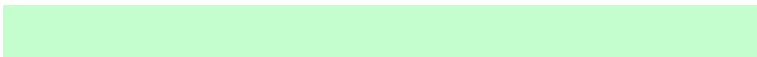
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.8410, -19.1486, -18.2776



233.0810, -23.2109, -21.9960



230.5990, -12.1273, -30.3433



123.8270, -4.3517, -4.2333



130.0570, -64.1181, -61.4400



43.5480, -21.4692, -20.6516

Inverse Universe

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



214.1590, 19.1486, 18.2776



207.9190, 23.2109, 21.9960



218.4010, 12.1273, 30.3433



118.8740, 4.4991, 3.6185



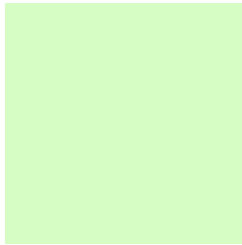
60.9430, 64.1181, 61.4400



20.4520, 21.4692, 20.6516

Previews

White Background



This preview shows how the YUV color 234.8410, -19.1486, -18.2776 looks on a white background.

Color Contrast Check

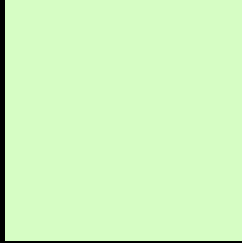
Large Text (above 18pt) WCAG AA × Fail

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 234.8410, -19.1486, -18.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

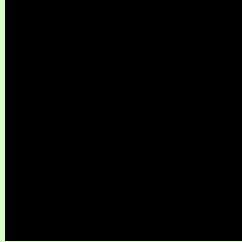
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

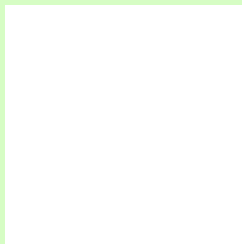
Any Text WCAG AAA ✓ Pass

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

YUV 234.8410, -19.1486, -18.2776 Background



This preview shows how black text looks on a background with the YUV color 234.8410, -19.1486, -18.2776.



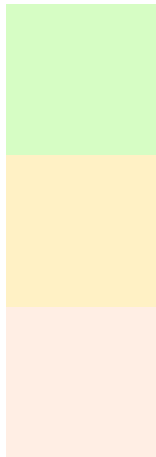
This preview shows how white text looks on a background with the YUV color 234.8410, -19.1486, -18.2776.

-18.2776.

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

234.8410, -19.1486, -18.2776

Protanopia

240.1700, -21.2828, 13.0059

Deuteranopia

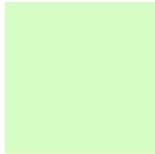
241.9430, -6.8739, 11.4510



Tritanopia

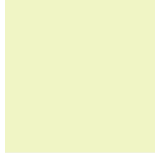
240.7800, 7.0105, -8.5771

Trichromacy



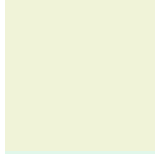
Original Color

234.8410, -19.1486, -18.2776



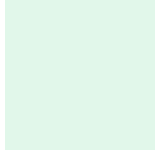
Protanomaly

238.0330, -20.2293, 1.7251



Deuteranomaly

239.0250, -11.3513, 0.8551



Tritanomaly

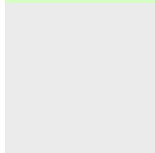
238.9400, -2.4354, -12.2254

Monochromacy



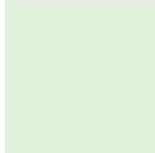
Original Color

234.8410, -19.1486, -18.2776



Achromatopsia

235.0000, 0.0000, 0.0000



Achromatomaly

235.1210, -6.9617, -7.1221

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.8410, -19.1486, -18.2776 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(214, 253, 196)` looks like.

```
.text, #text, p{  
    color:rgb(214, 253, 196)  
}
```

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(214, 253, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 253, 196) }
```

Border

The CSS property to change the border of an element to YUV 234.8410, -19.1486, -18.2776 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(214, 253, 196) }
```


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

```
.border{ border-color:rgb(214, 253, 196) }
```

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

Here you see how a box with a 4 pixel rgb(214, 253, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 253, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 253, 196);  
box-shadow:4px 4px 4px 4px rgb(214, 253,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 234.8410, -19.1486, -18.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 253, 196) }
```

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

```
.background{ background-color: rgb(214,  
253, 196) }
```

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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