

Converting Colors

YUV(229.8680, -16.6969,
-11.2852)

Have a look what the booklet for
YUV(229.8680, -16.6969, -11.2852)
contains.

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Color

**YUV(229.8680, -16.6969,
-11.2852)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F3C4
RGB	217, 243, 196
RGB Percent	85%, 95%, 77%
CMY	0.1490, 0.0471, 0.2314
CMYK	0.11, 0.00, 0.19, 0.05
HSL	93°, 66%, 86%
HSV	93°, 19%, 95%
XYZ	70.6297, 82.8384, 64.4914
YIQ	229.8680, -0.4090, -20.1290

Conversions

Conversions Part 2

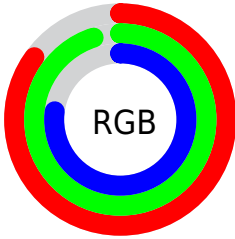
Format	Color
RYB	196, 243, 222
Decimal	14283716
CIELab	92.94, -16.70, 19.87
CIELCh	93, 25.958, 130.045
Yxy	82.8384, 0.3240, 0.3801
Android (android.graphics.Color)	4292473796 (0xFFD9F3C4)
YUV	229.8680, -16.6969, -11.2852
Hunter-Lab	91.0156, -20.7583, 21.6995

Details

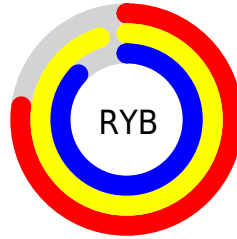
The YUV color $229.8680, -16.6969, -11.2852$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $209.1320, 16.6969, 11.2852$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7720, -0.8736, 0.2000$, and $174.3950, -15.9707, -10.8704$ is the 20% darker color. If you saturate the color by 10%, you get $223.2450, -25.2638, -16.8779$, and if you desaturate by 10%, it is $236.4910, -8.1301, -5.6926$.

Distribution



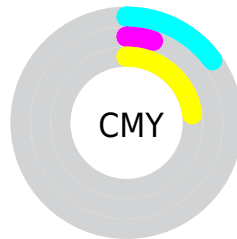
- Red (85%)
- Green (95%)
- Blue (77%)



- Red (77%)
- Yellow (95%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.8680, -16.6969, -11.2852 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 229.8680, -16.6969, -11.2852 by changing the saturation by 10% instead.

■ 229.8680,
-16.6969, -11.2852

■ 229.8680,
-16.6969, -11.2852

255.0000, 0.0000,
0.0000

■ 201.9820,
-16.2601, -11.3852

254.7720, -0.8736,
0.2000

■ 174.3950,
-15.9707, -10.8704

■ 147.5090,
-15.5339, -10.9704

■ 122.0360,
-14.8077, -10.5556

■ 96.5630, -14.0816,
-10.1408

■ 72.6770, -13.6448,
-10.2407

■ 49.9050, -12.7712,

-10.4407

■ 28.5740, -14.0870,
-8.3964

■ 10.5660, -5.2090,
-9.2664

■ 229.8680,
-16.6969, -11.2852

■ 229.8680,
-16.6969, -11.2852

■ 223.2450,
-25.2638, -16.8779

■ 236.4910, -8.1301,
-5.6926

■ 216.2090,
-34.1200, -22.9853

■ 243.5270, 0.7262,
0.4148

■ 209.5860,
-42.6869, -28.5779

■ 247.9560, 3.4727,
6.1776

■ 202.6640,
-51.1064, -34.7853

■ 196.0410,
-59.6732, -40.3780

■ 189.0050,
-68.5295, -46.4854

■ 182.3820,
-77.0963, -52.0780

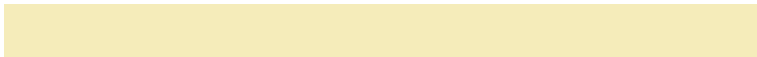
■ 175.4600,
-85.5158, -58.2854

■ 175.2320,
-86.3894, -58.0855

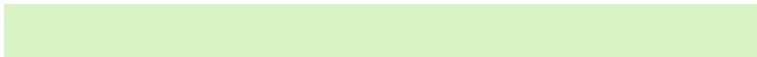
Harmonies

Analogous

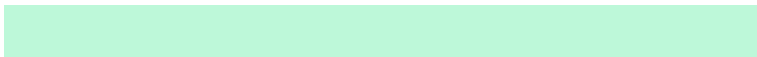
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.9910, -23.1666, 10.5319



229.8680, -16.6969, -11.2852



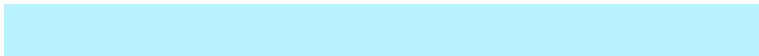
226.8250, -4.8437, -33.1725

Triad

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



229.8680, -16.6969, -11.2852



226.4390, 14.0806, -36.3420



229.5020, -1.2335, 22.3617

Complementary

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



229.8680, -16.6969, -11.2852



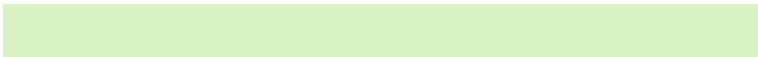
209.1320, 16.6969, 11.2852

Split Complementary

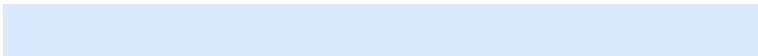
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.5260, 9.1077, 18.8327



229.8680, -16.6969, -11.2852



231.3110, 11.6787, -12.5507

Square

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



229.8680, -16.6969, -11.2852



223.9920, 15.2869, -49.9820



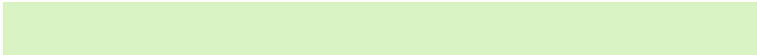
236.4820, 9.1294, 11.8553



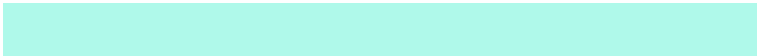
228.6410, -12.1480, 23.1168

Rectangle

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



229.8680, -16.6969, -11.2852



225.1640, 4.3561, -43.9938



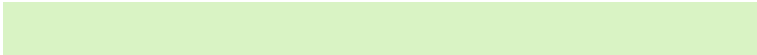
236.4820, 9.1294, 11.8553



230.5280, 2.6977, 21.4619

Sweetspot

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



229.8680, -16.6969, -11.2852



250.8980, -5.3727, -3.4185



225.3150, -14.4523, 15.5097



125.4790, -3.1941, -2.1741



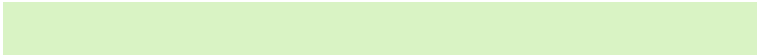
0.0000, 0.0000, 0.0000



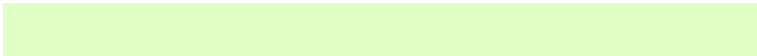
128.0000, 0.0000, 0.0000

Same Dimension

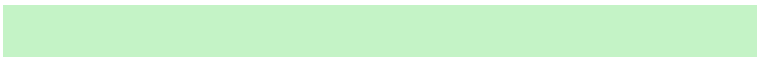
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.8680, -16.6969, -11.2852



238.7060, -21.0541, -13.7742



223.8170, -12.7278, -24.3955



118.8380, -4.3571, -2.4889



133.9990, -66.0615, -44.7261



42.4070, -20.9067, -14.3889

Inverse Universe

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



209.1320, 16.6969, 11.2852



212.5930, 20.9067, 14.3889



215.1830, 12.7278, 24.3955



113.4610, 4.2097, 3.1037



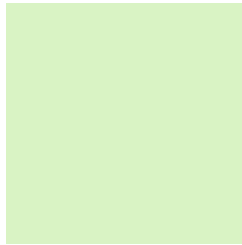
52.0010, 66.0615, 44.7261



16.2940, 21.0541, 13.7742

Previews

White Background



This preview shows how the YUV color 229.8680, -16.6969, -11.2852 looks on a white background.

Color Contrast Check

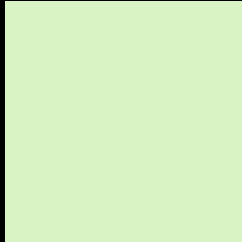
Large Text (above 18pt) WCAG AA × Fail

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 229.8680, -16.6969, -11.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

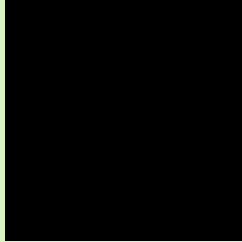
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

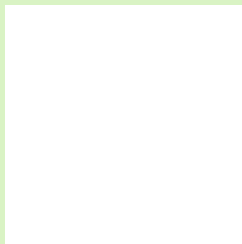
Any Text WCAG AAA ✓ Pass

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

YUV 229.8680, -16.6969, -11.2852 Background



This preview shows how black text looks on a background with the YUV color 229.8680, -16.6969, -11.2852.



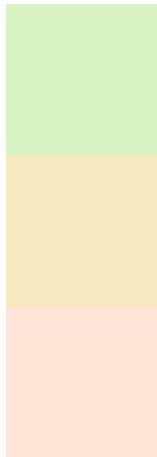
This preview shows how white text looks on a background with the YUV color 229.8680, -16.6969, -11.2852.

-11.2852.

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

229.8680, -16.6969, -11.2852

Protanopia

233.3980, -20.4092, 12.8060

Deuteranopia

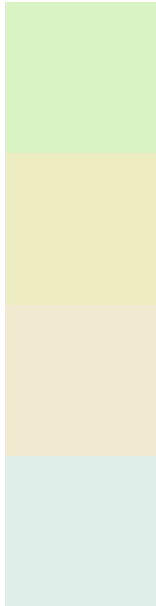
235.1780, -9.9478, 17.3839



Tritanopia

234.4750, 9.6258, -7.4326

Trichromacy



Original Color

229.8680, -16.6969, -11.2852

Protanomaly

231.9840, -19.2191, 4.3990

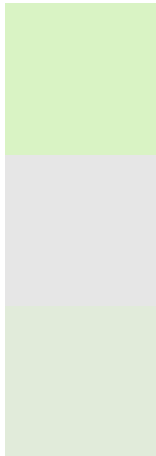
Deuteranomaly

233.1290, -12.3886, 6.9029

Tritanomaly

232.9450, 0.0271, -8.7218

Monochromacy



Original Color

229.8680, -16.6969, -11.2852

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.0720, -5.9515, -4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.8680, -16.6969, -11.2852 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(217, 243, 196)` looks like.

```
.text, #text, p{  
    color:rgb(217, 243, 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(217, 243, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 243, 196) }
```

Border

The CSS property to change the border of an element to YUV 229.8680, -16.6969, -11.2852 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(217, 243, 196) }
```


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

```
.border{ border-color:rgb(217, 243, 196) }
```

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

Here you see how a box with a 4 pixel rgb(217, 243, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 243, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 243, 196);  
box-shadow:4px 4px 4px 4px rgb(217, 243,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 229.8680, -16.6969, -11.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 243, 196) }
```

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

```
.background{ background-color: rgb(217,  
243, 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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