

# Converting Colors

YUV(229.9810, -1.4696,  
-42.0793)

Have a look what the booklet for  
YUV(229.9810, -1.4696, -42.0793)  
contains.

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# Color

**YUV(229.9810, -1.4696,  
-42.0793)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6FFE3
RGB	182, 255, 227
RGB Percent	71%, 100%, 89%
CMY	0.2863, 0.0000, 0.1098
CMYK	0.29, 0.00, 0.11, 0.00
HSL	157°, 100%, 86%
HSV	157°, 29%, 100%
XYZ	68.9165, 87.0111, 85.8356
YIQ	229.9810, -34.5200, -24.1840

# Conversions

## Conversions Part 2

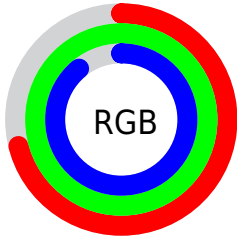
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 227, 255
Decimal	11993059
CIELab	94.74, -28.15, 6.18
CIELCh	95, 28.819, 167.617
Yxy	87.0111, 0.2851, 0.3599
Android (android.graphics.Color)	4290183139 (0xFFB6FFE3)
YUV	229.9810, -1.4696, -42.0793
Hunter-Lab	93.2798, -31.3610, 10.7375

# Details

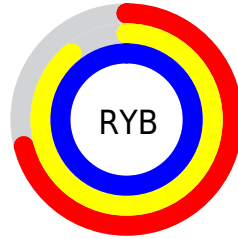
The YUV color **229.9810, -1.4696, -42.0793** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **207.0190, 1.4696, 42.0793**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.2160, 2.3585, -9.8364**, and **173.8070, -0.8909, -41.0497** is the 20% darker color. If you saturate the color by 10%, you get **221.3660, -2.1524, -56.4490**, and if you desaturate by 10%, it is **238.8950, -0.9342, -27.0949**.

# Distribution



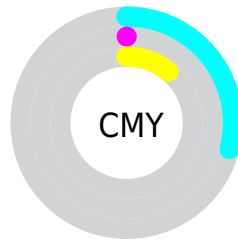
- Red (71%)
- Green (100%)
- Blue (89%)



- Red (71%)
- Yellow (89%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.9810, -1.4696, -42.0793 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 229.9810, -1.4696, -42.0793 by changing the saturation by 10% instead.



■ 229.9810, -1.4696,  
-42.0793

■ 229.9810, -1.4696,  
-42.0793

255.0000, 0.0000,  
0.0000

■ 201.3940, -1.1802,  
-41.5645

■ 250.2160, 2.3585,  
-9.8364

■ 173.8070, -0.8909,  
-41.0497

■ 146.8070, -0.8909,  
-41.0497

■ 120.2200, -0.6015,  
-40.5349

■ 94.1490, 0.4195,  
-41.3497

■ 67.4690, 1.7408,  
-45.1383

■ 46.0890, 1.4351,

-40.4201

■ 30.1940, -1.0816,  
-26.4801

■ 14.7890, -6.7980,  
-12.9700

■ 229.9810, -1.4696,  
-42.0793

■ 229.9810, -1.4696,  
-42.0793

■ 221.3660, -2.1524,  
-56.4490

■ 238.8950, -0.9342,  
-27.0949

■ 212.4520, -2.6878,  
-71.4334

■ 247.5100, -0.2514,  
-12.7253

■ 203.9510, -2.9338,  
-85.9030

255.0000, 0.0000,  
0.0000

■ 195.0370, -3.4692,  
-100.8874

■ 186.4220, -4.1520,  
-115.2571

■ 177.5080, -4.6874,  
-130.2415

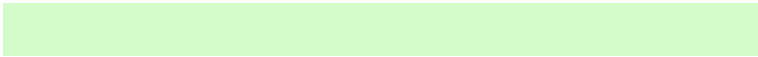
■ 169.0070, -4.9335,  
-144.7111

■ 167.5830, -5.2174,  
-146.9703

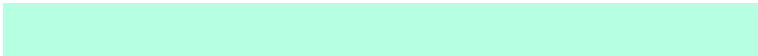
# Harmonies

## Analogous

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



233.7530, -15.6542, -19.0774



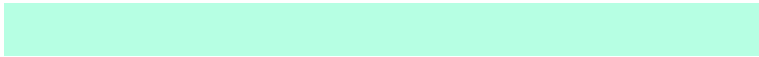
229.9810, -1.4696, -42.0793



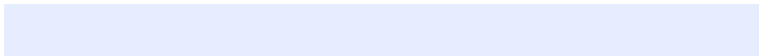
227.4920, 13.5614, -56.5595

# Triad

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



229.9810, -1.4696, -42.0793



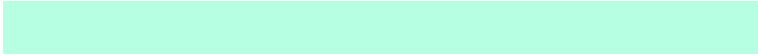
236.6600, 9.0416, -6.7178



231.1200, -15.3422, 20.9428

# Complementary

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



229.9810, -1.4696, -42.0793



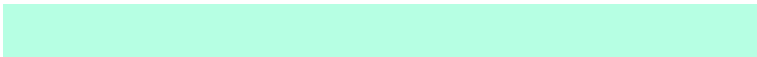
207.0190, 1.4696, 42.0793

# 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.



230.9210, -3.4121, 21.1173



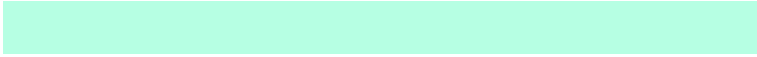
229.9810, -1.4696, -42.0793



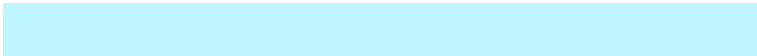
238.5640, 8.1029, 14.4144

# Square

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



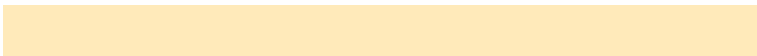
229.9810, -1.4696, -42.0793



230.8800, 11.8912, -34.0978



234.8140, 8.9657, 17.7031

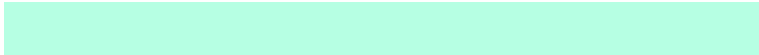


234.8070, -24.0619, 17.7093



# Rectangle

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



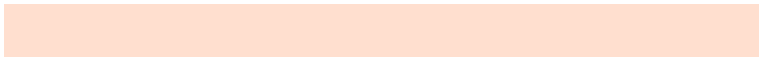
229.9810, -1.4696, -42.0793



226.6060, 13.9982, -56.6595



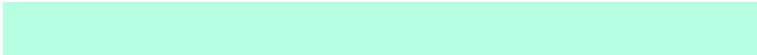
234.8140, 8.9657, 17.7031



230.7440, -11.7058, 21.2725

# Sweetspot

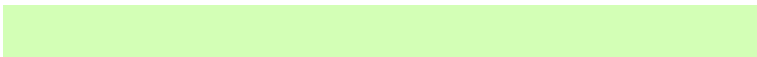
The Sweet Spot groups the original color and five complimentary colors.



229.9810, -1.4696, -42.0793



247.0970, -0.5408, -13.2401



233.5220, -25.4003, -19.7518



122.8310, -0.4097, -8.6218



0.0000, 0.0000, 0.0000

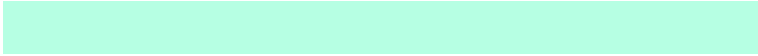


128.0000, 0.0000, 0.0000



# Same Dimension

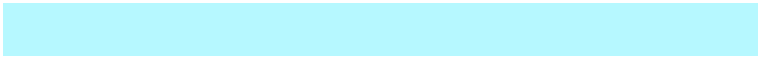
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.9810, -1.4696, -42.0793



225.2250, -1.5899, -50.1863



229.0640, 12.7864, -41.2751



123.5430, -0.2677, -7.4922



125.5690, -3.7315, -110.1240



42.0140, -1.4859, -36.8463



# Inverse Universe

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



207.0190, 1.4696, 42.0793



197.8890, 2.0267, 50.0863



207.9360, -12.7864, 41.2751



119.4570, 0.2677, 7.4922



65.4310, 3.7315, 110.1240

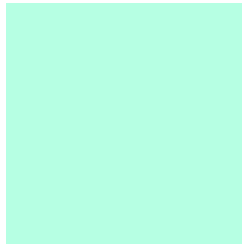


21.8720, 1.0491, 36.9463



# Previews

## White Background



This preview shows how the YUV color 229.9810, -1.4696, -42.0793 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

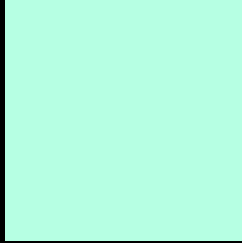
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.9810, -1.4696, -42.0793 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

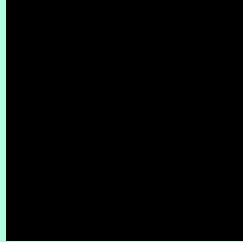
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 229.9810, -1.4696, -42.0793

## Background



This preview shows how black text looks on a background with the YUV color 229.9810, -1.4696, -42.0793.



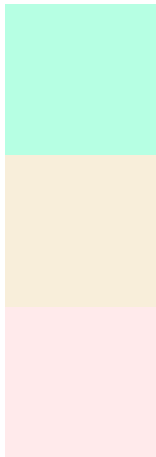
This preview shows how white text looks on a background with the YUV color 229.9810, -1.4696, -42.0793.

-42.0793.

# 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

229.9810, -1.4696, -42.0793

### Protanopia

238.7100, -10.2100, 8.1473

### Deuteranopia

240.3930, -2.6587, 12.8103



## Tritanopia

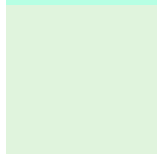
236.8820, 8.9322, -18.3135

# Trichromacy



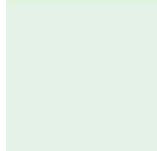
## Original Color

229.9810, -1.4696, -42.0793



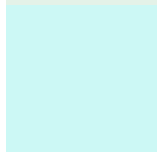
## Protanomaly

235.3980, -7.0982, -9.9960



## Deuteranomaly

236.6740, -2.3043, -7.6071



## Tritanomaly

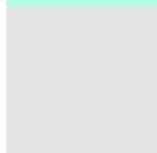
234.5020, 5.1755, -26.7503

# Monochromacy



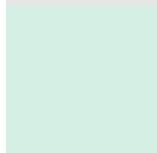
## Original Color

229.9810, -1.4696, -42.0793



## Achromatopsia

230.0000, 0.0000, 0.0000



## Achromatomaly

230.0860, -0.5354, -14.9844

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.9810, -1.4696, -42.0793 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(182, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 227)  
}
```

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(182, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 227) }
```

## Border

The CSS property to change the border of an element to YUV 229.9810, -1.4696, -42.0793 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(182, 255, 227) }
```



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

```
.border{ border-color:rgb(182, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 229.9810, -1.4696, -42.0793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 227) }
```

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

```
.background{ background-color: rgb(182,  
255, 227) }
```

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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