

# Converting Colors

YUV(229.1120, -3.5062,  
-42.1942)

Have a look what the booklet for  
YUV(229.1120, -3.5062, -42.1942)  
contains.

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# Color

**YUV(229.1120, -3.5062,  
-42.1942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5FFDE
RGB	181, 255, 222
RGB Percent	71%, 100%, 87%
CMY	0.2902, 0.0000, 0.1294
CMYK	0.29, 0.00, 0.13, 0.00
HSL	153°, 100%, 85%
HSV	153°, 29%, 100%
XYZ	68.0009, 86.6177, 82.2421
YIQ	229.1120, -33.5110, -25.9510

# Conversions

## Conversions Part 2

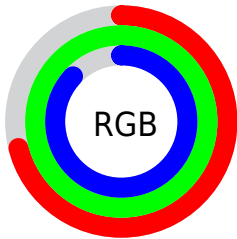
Format	Color
<a href="#">RYB</a>	<a href="#">181, 229, 255</a>
Decimal	<a href="#">11927518</a>
CIELab	<a href="#">94.58, -29.43, 8.51</a>
CIELCh	<a href="#">95, 30.631, 163.876</a>
Yxy	<a href="#">86.6177, 0.2871, 0.3657</a>
Android (android.graphics.Color)	<a href="#">4290117598 (0xFFB5FFDE)</a>
YUV	<a href="#">229.1120, -3.5062, -42.1942</a>
Hunter-Lab	<a href="#">93.0686, -32.4485, 12.7551</a>

# Details

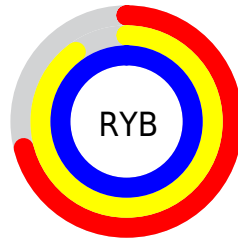
The YUV color  $229.1120, -3.5062, -42.1942$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $206.8880, 3.5062, 42.1942$ , and the grayscale version is  $229.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.9170, 2.5059, -10.4512$ , and  $172.9380, -2.9274, -41.1646$  is the 20% darker color. If you saturate the color by 10%, you get  $220.3830, -4.6258, -56.4639$ , and if you desaturate by 10%, it is  $238.1400, -2.5340, -27.3098$ .

# Distribution



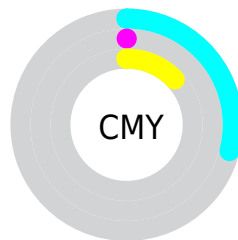
- Red (71%)
- Green (100%)
- Blue (87%)



- Red (71%)
- Yellow (90%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 229.1120, -3.5062, -42.1942 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 229.1120, -3.5062, -42.1942 by changing the saturation by 10% instead.




 229.1120, -3.5062,  
-42.1942


 229.1120, -3.5062,  
-42.1942


255.0000, 0.0000,  
0.0000


 200.5250, -3.2168,  
-41.6794


 249.9170, 2.5059,  
-10.4512

 172.9380, -2.9274,  
-41.1646

 145.4650, -2.2012,  
-40.7498

 119.4650, -2.2012,  
-40.7498

 93.2800, -1.6170,  
-41.4646

 66.7140, 0.1410,  
-45.3532

 45.6330, -0.3121,

-40.0201

■ 29.7380, -2.8288,  
-26.0802

■ 14.6750, -7.2348,  
-12.8700

■ 229.1120, -3.5062,  
-42.1942

■ 229.1120, -3.5062,  
-42.1942

■ 220.3830, -4.6258,  
-56.4639

■ 238.1400, -2.5340,  
-27.3098

■ 211.2410, -6.0348,  
-71.2484

■ 246.9830, -0.9776,  
-13.1401

■ 202.5120, -7.1544,  
-85.5180

255.0000, 0.0000,  
0.0000

■ 193.4840, -8.1266,  
-100.4025

■ 184.6410, -9.6830,  
-114.5722

■ 175.6130,  
-10.6552, -129.4566

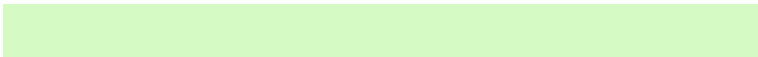
■ 166.7700,  
-12.2116, -143.6263

■ 165.7590,  
-12.2062, -145.3706

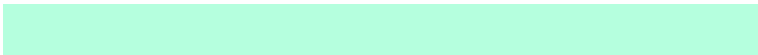
# Harmonies

## Analogous

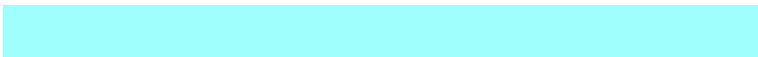
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.0800, -18.2804, -16.7332



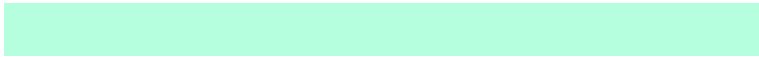
229.1120, -3.5062, -42.1942



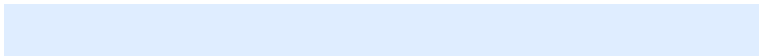
225.6550, 12.9881, -59.3334

# Triad

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



229.1120, -3.5062, -42.1942



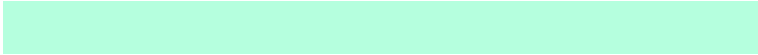
234.8660, 9.9261, -10.4065



229.9460, -14.7634, 21.9724

# Complementary

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



229.1120, -3.5062, -42.1942



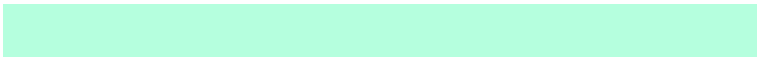
206.8880, 3.5062, 42.1942

# 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.



229.9750, -1.9597, 21.9469



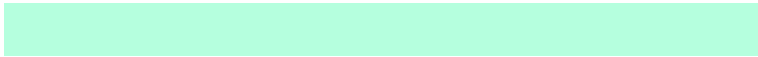
229.1120, -3.5062, -42.1942



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.



229.1120, -3.5062, -42.1942



228.7760, 12.9284, -40.1456



234.4550, 10.1287, 18.0180

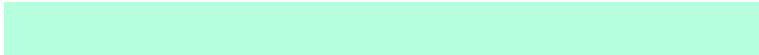


233.2910, -24.7935, 19.0388



# Rectangle

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



229.1120, -3.5062, -42.1942



224.8010, 14.8881, -62.0925



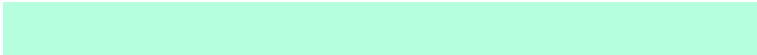
234.4550, 10.1287, 18.0180



229.6840, -10.6902, 22.2021

# Sweetspot

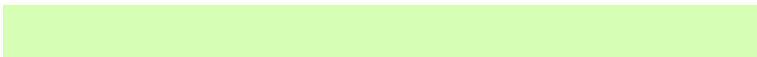
The Sweet Spot groups the original color and five complimentary colors.



229.1120, -3.5062, -42.1942



246.9830, -0.9776, -13.1401



234.3050, -26.2794, -17.8075



122.7170, -0.8465, -8.5218



0.0000, 0.0000, 0.0000

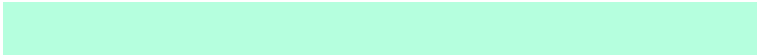


128.0000, 0.0000, 0.0000

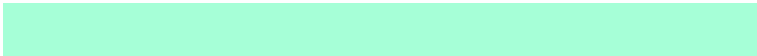


# Same Dimension

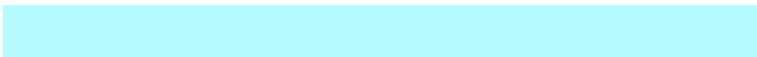
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.1120, -3.5062, -42.1942



223.8290, -4.3527, -50.7160



230.5260, 12.0657, -43.4343



123.4290, -0.7045, -7.3922



124.2010, -8.9731, -108.9243



41.5580, -3.2331, -36.4464



# Inverse Universe

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



206.8880, 3.5062, 42.1942



197.1710, 4.3527, 50.7160



205.4740, -12.0657, 43.4343



119.4570, 0.2677, 7.4922



66.7990, 8.9731, 108.9243

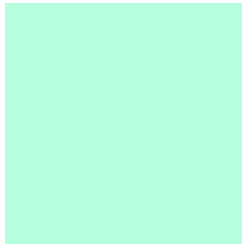


22.3280, 2.7963, 36.5463



# Previews

## White Background



This preview shows how the YUV color 229.1120, -3.5062, -42.1942 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

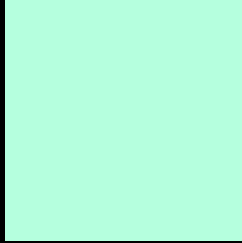
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.1120, -3.5062, -42.1942 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 229.1120, -3.5062, -42.1942 Background



This preview shows how black text looks on a background with the YUV color 229.1120, -3.5062, -42.1942.



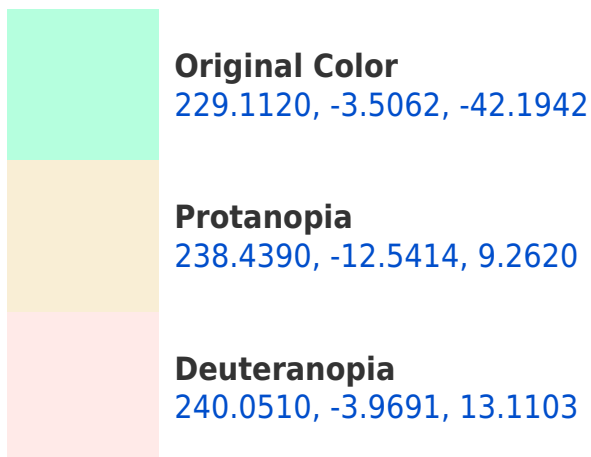
This preview shows how white text looks on a background with the YUV color 229.1120, -3.5062,

-42.1942.

# 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





## **Tritanopia**

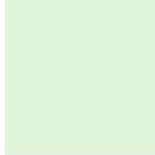
236.2840, 9.2270, -19.5431

# Trichromacy



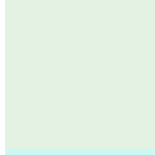
## Original Color

229.1120, -3.5062, -42.1942



## Protanomaly

234.8280, -9.2822, -9.4962



## Deuteranomaly

236.2180, -4.0515, -7.2072



## Tritanomaly

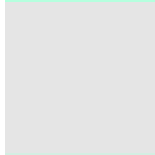
233.6760, 4.5967, -27.7799

# Monochromacy



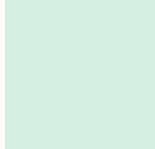
## Original Color

229.1120, -3.5062, -42.1942



## Achromatopsia

229.0000, 0.0000, 0.0000



## Achromatomaly

228.8580, -1.4090, -14.7845

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.1120, -3.5062, -42.1942 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(181, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 222)  
}
```

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(181, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 222) }
```

## Border

The CSS property to change the border of an element to YUV 229.1120, -3.5062, -42.1942 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(181, 255, 222) }
```



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

```
.border{ border-color:rgb(181, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
222) }
```

# Background

The CSS property to change the background color of an element to YUV 229.1120, -3.5062, -42.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 222) }
```

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

```
.background{ background-color: rgb(181,  
255, 222) }
```

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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