

# Converting Colors

YUV(229.9490, -2.9329,  
-39.4203)

Have a look what the booklet for  
YUV(229.9490, -2.9329, -39.4203)  
contains.

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# Color

**YUV(229.9490, -2.9329,  
-39.4203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9FEE0
RGB	185, 254, 224
RGB Percent	73%, 100%, 88%
CMY	0.2745, 0.0039, 0.1216
CMYK	0.27, 0.00, 0.12, 0.00
HSL	154°, 97%, 86%
HSV	154°, 27%, 100%
XYZ	68.9039, 86.5797, 83.6009
YIQ	229.9490, -31.4940, -23.9580

# Conversions

## Conversions Part 2

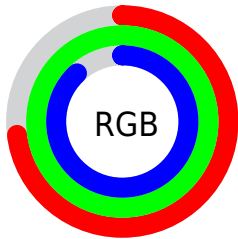
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 229, 254
Decimal	12189408
CIELab	94.56, -27.39, 7.48
CIELCh	95, 28.389, 164.721
Yxy	86.5797, 0.2882, 0.3621
Android (android.graphics.Color)	4290379488 (0xFFB9FEE0)
YUV	229.9490, -2.9329, -39.4203
Hunter-Lab	93.0482, -30.6518, 11.8635

# Details

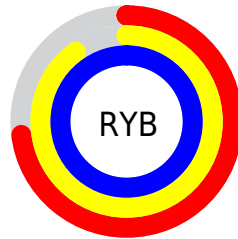
The YUV color **229.9490, -2.9329, -39.4203** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **209.0510, 2.9329, 39.4203**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1130, 1.9163, -7.9921**, and **173.7750, -2.3541, -38.3907** is the 20% darker color. If you saturate the color by 10%, you get **221.2200, -4.0525, -53.6899**, and if you desaturate by 10%, it is **238.6780, -1.8133, -25.1506**.

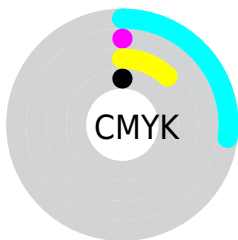
# Distribution



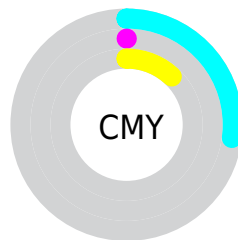
- Red (73%)
- Green (100%)
- Blue (88%)



- Red (73%)
- Yellow (90%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 229.9490, -2.9329, -39.4203 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 229.9490, -2.9329, -39.4203 by changing the saturation by 10% instead.




 229.9490, -2.9329,  
-39.4203

 229.9490, -2.9329,  
-39.4203


255.0000, 0.0000,  
0.0000


 201.3620, -2.6435,  
-38.9055


 251.1130, 1.9163,  
-7.9921

 173.7750, -2.3541,  
-38.3907

 147.0740, -2.5015,  
-37.7759

 120.6010, -1.7753,  
-37.3611

 94.7150, -1.3385,  
-37.4611

 68.7470, 0.1247,  
-40.1201

 45.1600, 0.4141,

-39.6053

■ 29.3790, -1.6658,  
-25.7654

■ 14.6750, -7.2348,  
-12.8700

■ 229.9490, -2.9329,  
-39.4203

■ 229.9490, -2.9329,  
-39.4203

■ 221.2200, -4.0525,  
-53.6899

■ 238.6780, -1.8133,  
-25.1506

■ 212.1920, -5.0247,  
-68.5744

■ 247.7060, -0.8411,  
-10.2662

■ 203.4630, -6.1443,  
-82.8441

■ 254.4130, 0.2894,  
0.5148

■ 194.4350, -7.1165,  
-97.7285

■ 185.7060, -8.2361,  
-111.9982

■ 176.9770, -9.3557,  
-126.2678

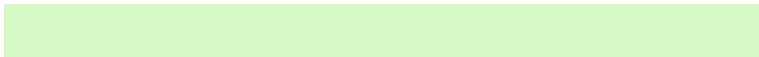
■ 167.9490,  
-10.3279, -141.1523

■ 165.5140,  
-10.6064, -145.1558

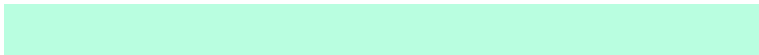
# Harmonies

## Analogous

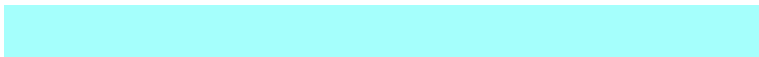
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.2480, -16.3913, -16.0035



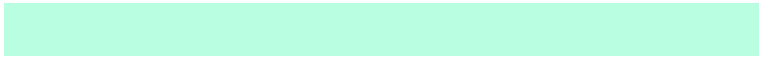
229.9490, -2.9329, -39.4203



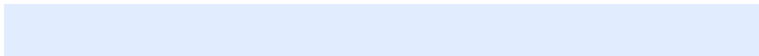
227.7480, 11.9562, -55.0300

# Triad

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



229.9490, -2.9329, -39.4203



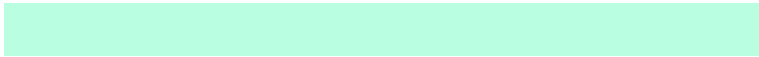
235.4640, 9.6312, -9.1769



231.3480, -14.4686, 20.7428

# Complementary

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



229.9490, -2.9329, -39.4203



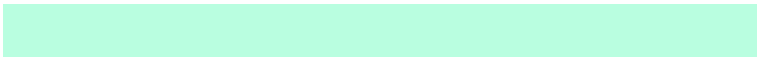
209.0510, 2.9329, 39.4203

# 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.



231.2630, -2.1017, 20.8173



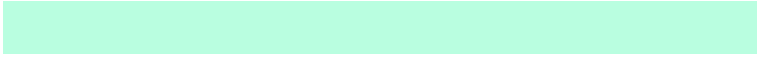
229.9490, -2.9329, -39.4203



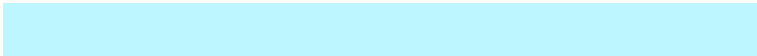
239.1510, 7.8136, 13.8996

# Square

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



229.9490, -2.9329, -39.4203



229.9830, 12.3334, -35.9421



235.0420, 9.8393, 17.5032

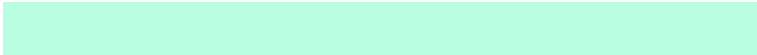


234.3340, -23.3357, 18.1241



# Rectangle

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



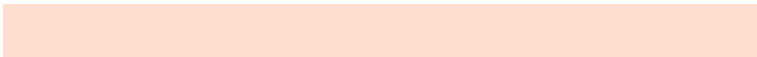
229.9490, -2.9329, -39.4203



226.6060, 13.9982, -56.6595



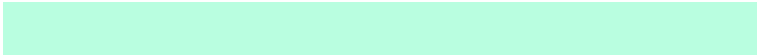
235.0420, 9.8393, 17.5032



230.3850, -10.5428, 21.5874

# Sweetspot

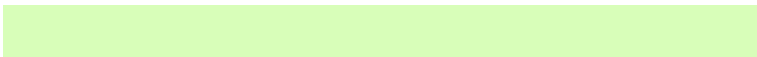
The Sweet Spot groups the original color and five complimentary colors.



229.9490, -2.9329, -39.4203



247.9940, -0.9830, -11.3957



234.7720, -24.5376, -16.4630



123.4290, -0.7045, -7.3922



0.0000, 0.0000, 0.0000

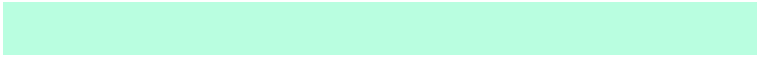


128.0000, 0.0000, 0.0000

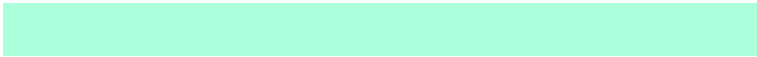


# Same Dimension

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



229.9490, -2.9329, -39.4203



225.6660, -3.7793, -47.9421



231.6080, 11.0393, -40.8752



123.4290, -0.7045, -7.3922



124.4290, -8.0995, -109.1242



41.6720, -2.7963, -36.5463



# Inverse Universe

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



209.0510, 2.9329, 39.4203



200.2200, 3.3425, 48.0421



207.3920, -11.0393, 40.8752



119.4570, 0.2677, 7.4922



66.5710, 8.0995, 109.1242

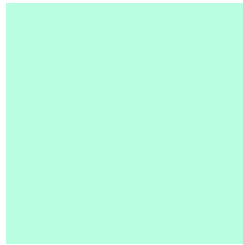


22.3280, 2.7963, 36.5463



# Previews

## White Background



This preview shows how the YUV color 229.9490, -2.9329, -39.4203 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

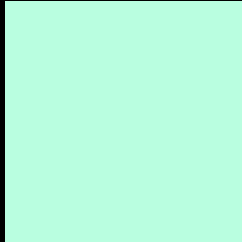
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.9490, -2.9329, -39.4203 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

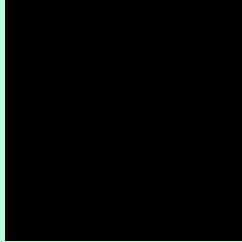
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

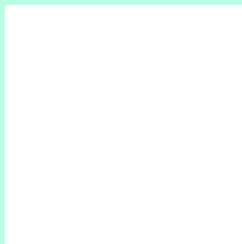
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 229.9490, -2.9329, -39.4203

## Background



This preview shows how black text looks on a background with the YUV color 229.9490, -2.9329, -39.4203.



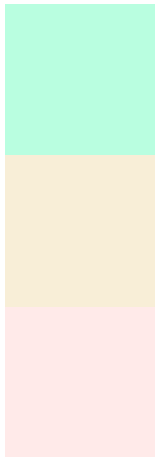
This preview shows how white text looks on a background with the YUV color 229.9490, -2.9329, -39.4203.

-39.4203.

# 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

229.9490, -2.9329, -39.4203

### Protanopia

238.3680, -11.5204, 8.4473

### Deuteranopia

240.1650, -3.5323, 13.0103



## Tritanopia

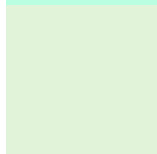
236.5830, 9.0796, -18.9283

# Trichromacy



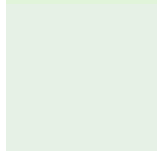
## Original Color

229.9490, -2.9329, -39.4203



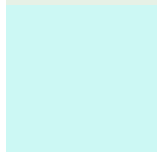
## Protanomaly

235.3550, -8.5560, -9.0813



## Deuteranomaly

236.4570, -3.1833, -5.6628



## Tritanomaly

234.3880, 4.7387, -26.6503

# Monochromacy



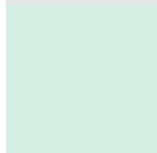
## Original Color

229.9490, -2.9329, -39.4203



## Achromatopsia

230.0000, 0.0000, 0.0000



## Achromatomaly

230.2710, -1.1196, -14.2697

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.9490, -2.9329, -39.4203 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(185, 254, 224)` looks like.

```
.text, #text, p{  
    color:rgb(185, 254, 224)  
}
```

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(185, 254, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 254, 224) }
```

## Border

The CSS property to change the border of an element to YUV 229.9490, -2.9329, -39.4203 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(185, 254, 224) }
```



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

```
.border{ border-color:rgb(185, 254, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 254, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 254, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 254, 224);  
box-shadow:4px 4px 4px 4px rgb(185, 254,  
224) }
```

# Background

The CSS property to change the background color of an element to YUV 229.9490, -2.9329, -39.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 254, 224) }
```

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

```
.background{ background-color: rgb(185,  
254, 224) }
```

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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