

# Converting Colors

YUV(229.0690, -4.9640,  
-41.2795)

Have a look what the booklet for  
YUV(229.0690, -4.9640, -41.2795)  
contains.

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# Color

**YUV(229.0690, -4.9640,  
-41.2795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6FFDB
RGB	182, 255, 219
RGB Percent	71%, 100%, 86%
CMY	0.2863, 0.0000, 0.1412
CMYK	0.29, 0.00, 0.14, 0.00
HSL	150°, 100%, 86%
HSV	150°, 29%, 100%
XYZ	67.8376, 86.5796, 80.1539
YIQ	229.0690, -31.9520, -26.6720

# Conversions

## Conversions Part 2

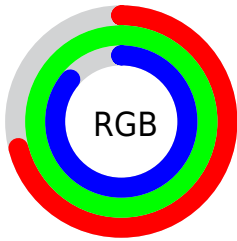
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 230, 255
Decimal	11993051
CIELab	94.56, -29.71, 10.03
CIELCh	95, 31.363, 161.342
Yxy	86.5796, 0.2892, 0.3691
Android (android.graphics.Color)	4290183131 (0xFFB6FFDB)
YUV	229.0690, -4.9640, -41.2795
Hunter-Lab	93.0481, -32.6972, 14.0598

# Details

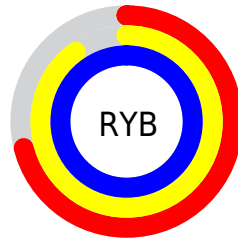
The YUV color **229.0690, -4.9640, -41.2795** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **207.9310, 4.9640, 41.2795**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.2160, 2.3585, -9.8364**, and **172.8950, -4.3852, -40.2499** is the 20% darker color. If you saturate the color by 10%, you get **220.1120, -6.9572, -55.3492**, and if you desaturate by 10%, it is **238.3250, -3.1182, -26.5950**.

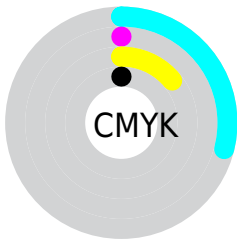
# Distribution



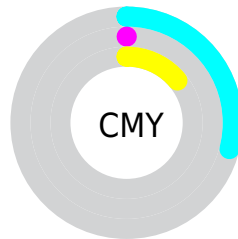
- Red (71%)
- Green (100%)
- Blue (86%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.0690, -4.9640, -41.2795 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 229.0690, -4.9640, -41.2795 by changing the saturation by 10% instead.




 229.0690, -4.9640,  
-41.2795


 229.0690, -4.9640,  
-41.2795

255.0000, 0.0000,  
0.0000


 200.4820, -4.6746,  
-40.7647


 250.2160, 2.3585,  
-9.8364

 172.8950, -4.3852,  
-40.2499

 145.4220, -3.6590,  
-39.8351

 119.4220, -3.6590,  
-39.8351

 93.6500, -2.7854,  
-40.0350

 67.2690, -1.6116,  
-43.2089

 45.2910, -1.6225,

-39.7202

■ 29.5100, -3.7024,  
-25.8803

■ 14.6750, -7.2348,  
-12.8700

■ 229.0690, -4.9640,  
-41.2795

■ 229.0690, -4.9640,  
-41.2795

■ 220.1120, -6.9572,  
-55.3492

■ 238.3250, -3.1182,  
-26.5950

■ 210.9700, -8.3662,  
-70.1337

■ 247.1680, -1.5618,  
-12.4253

■ 202.0130,  
-10.3594, -84.2034

■ 255.0000, 0.0000,  
0.0000

■ 192.8710,  
-11.7684, -98.9879

■ 183.9140,  
-13.7616, -113.0576

■ 174.7720,  
-15.1706, -127.8420

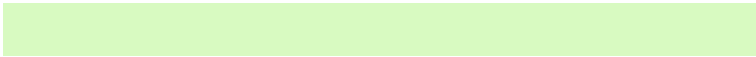
■ 165.8150,  
-17.1638, -141.9118

■ 164.3910,  
-17.4478, -144.1709

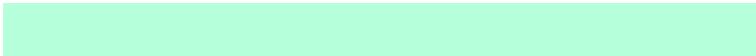
# Harmonies

## Analogous

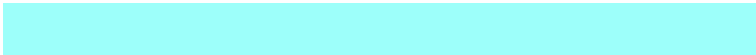
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.3360, -19.8856, -15.2037



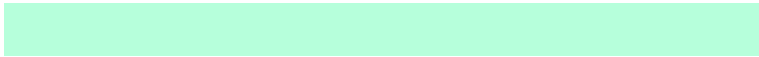
229.0690, -4.9640, -41.2795



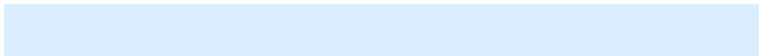
225.1280, 12.2619, -59.7483

# Triad

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



229.0690, -4.9640, -41.2795



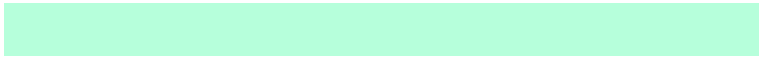
233.9580, 10.3737, -13.9952



229.4730, -14.0372, 22.3872

# Complementary

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



229.0690, -4.9640, -41.2795



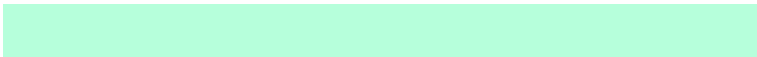
207.9310, 4.9640, 41.2795

# 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.



230.3170, -0.6493, 21.6470



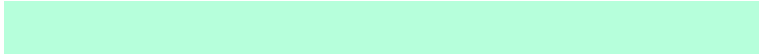
229.0690, -4.9640, -41.2795



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.



229.0690, -4.9640, -41.2795



227.8680, 13.3761, -43.7342



234.4550, 10.1287, 18.0180

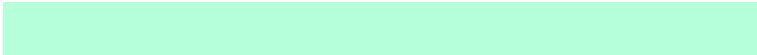


232.7040, -24.5041, 19.5536



# Rectangle

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



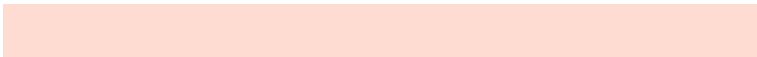
229.0690, -4.9640, -41.2795



223.9040, 15.3303, -63.9368



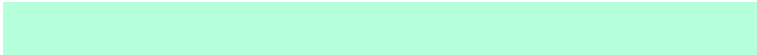
234.4550, 10.1287, 18.0180



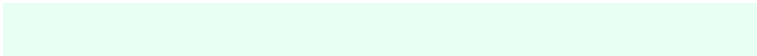
229.2110, -9.9640, 22.6170

# Sweetspot

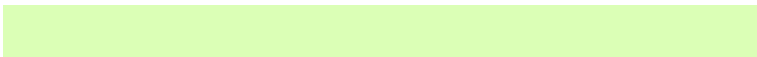
The Sweet Spot groups the original color and five complimentary colors.



229.0690, -4.9640, -41.2795



246.8690, -1.4144, -13.0401



235.9140, -26.5796, -14.8336



122.7170, -0.8465, -8.5218



0.0000, 0.0000, 0.0000

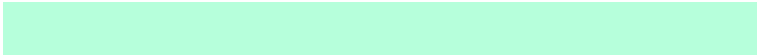


128.0000, 0.0000, 0.0000

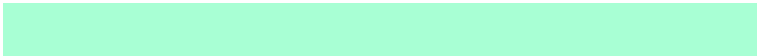


# Same Dimension

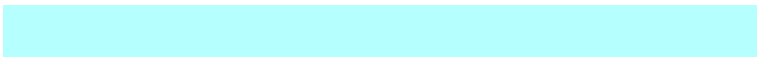
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.0690, -4.9640, -41.2795



224.0850, -5.9579, -49.1865



233.1730, 10.7607, -44.8787



123.3150, -1.1413, -7.2923



123.1750, -12.9043, -108.0245



41.2160, -4.5435, -36.1464



# Inverse Universe

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



207.9310, 4.9640, 41.2795



198.9150, 5.9579, 49.1865



203.8270, -10.7607, 44.8787



119.5710, 0.7045, 7.3922



67.8250, 12.9043, 108.0245

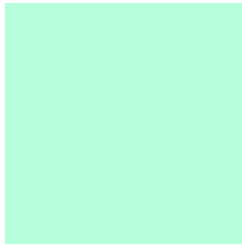


22.6700, 4.1067, 36.2464



# Previews

## White Background



This preview shows how the YUV color 229.0690, -4.9640, -41.2795 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

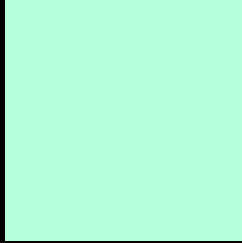
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.0690, -4.9640, -41.2795 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

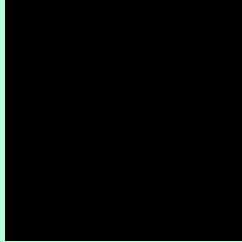
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

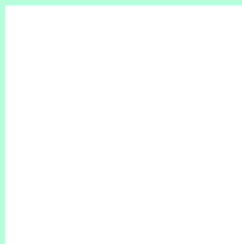
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 229.0690, -4.9640, -41.2795

## Background



This preview shows how black text looks on a background with the YUV color 229.0690, -4.9640, -41.2795.



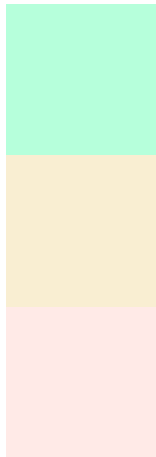
This preview shows how white text looks on a background with the YUV color 229.0690, -4.9640, -41.2795.

-41.2795.

# 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

229.0690, -4.9640, -41.2795

### Protanopia

238.0970, -13.8518, 9.5619

### Deuteranopia

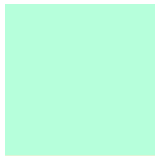
239.9370, -4.4059, 13.2103



## **Tritanopia**

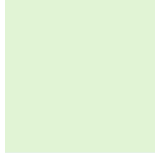
236.5830, 9.0796, -18.9283

# Trichromacy



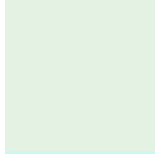
## Original Color

229.0690, -4.9640, -41.2795



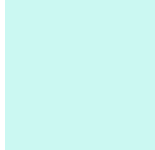
## Protanomaly

234.7850, -10.7400, -8.5814



## Deuteranomaly

236.1040, -4.4883, -7.1072



## Tritanomaly

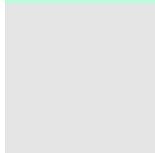
233.8610, 4.0125, -27.0651

# Monochromacy



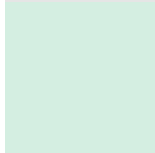
## Original Color

229.0690, -4.9640, -41.2795



## Achromatopsia

229.0000, 0.0000, 0.0000



## Achromatomaly

228.7440, -1.8458, -14.6845

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.0690, -4.9640, -41.2795 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 219) }
```

## Border

The CSS property to change the border of an element to YUV 229.0690, -4.9640, -41.2795 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, 219) }
```



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

```
.border{ border-color:rgb(182, 255, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 229.0690, -4.9640, -41.2795 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, 219) }
```

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

```
.background{ background-color: rgb(182,  
255, 219) }
```

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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