

Converting Colors

YUV(229.2130, 3.3460,
-46.6678)

Have a look what the booklet for
YUV(229.2130, 3.3460, -46.6678)
contains.

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Color

**YUV(229.2130, 3.3460,
-46.6678)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FFEC
RGB	176, 255, 236
RGB Percent	69%, 100%, 93%
CMY	0.3098, 0.0000, 0.0745
CMYK	0.31, 0.00, 0.07, 0.00
HSL	166°, 100%, 85%
HSV	166°, 31%, 100%
XYZ	68.8048, 86.8062, 92.4858
YIQ	229.2130, -40.9850, -22.6570

Conversions

Conversions Part 2

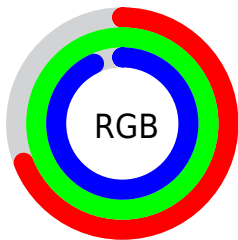
Format	Color
RYB	176, 221, 255
Decimal	11599852
CIELab	94.66, -28.02, 1.38
CIELCh	95, 28.051, 177.187
Yxy	86.8062, 0.2773, 0.3499
Android (android.graphics.Color)	4289789932 (0xFFB0FFEC)
YUV	229.2130, 3.3460, -46.6678
Hunter-Lab	93.1699, -31.2272, 6.3642

Details

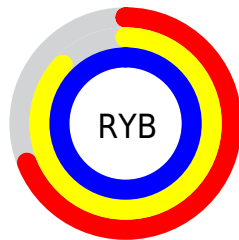
The YUV color $229.2130, 3.3460, -46.6678$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $201.7870, -3.3460, 46.6678$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4220, 3.2430, -13.5251$, and $172.9250, 3.4880, -45.5382$ is the 20% darker color. If you saturate the color by 10%, you get $220.7550, 4.5578, -62.0521$, and if you desaturate by 10%, it is $237.6710, 2.1342, -31.2835$.

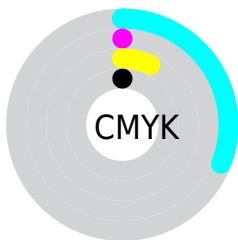
Distribution



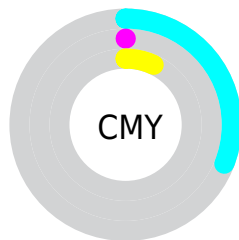
- Red (69%)
- Green (100%)
- Blue (93%)



- Red (69%)
- Yellow (87%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.2130, 3.3460, -46.6678 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 229.2130, 3.3460, -46.6678 by changing the saturation by 10% instead.


 229.2130, 3.3460,
-46.6678

 229.2130, 3.3460,
-46.6678

255.0000, 0.0000,
0.0000

 200.6260, 3.6354,
-46.1530

 248.4220, 3.2430,
-13.5251

 172.9250, 3.4880,
-45.5382

 145.9250, 3.4880,
-45.5382

 118.8540, 4.5090,
-46.3530

 92.3700, 5.2406,
-47.6825

 63.5970, 7.5937,
-55.7746

 46.8870, 4.4927,

-41.1199

■ 30.8780, 1.5391,
-27.0800

■ 16.1570, -1.5564,
-14.1697

■ 229.2130, 3.3460,
-46.6678

■ 229.2130, 3.3460,
-46.6678

■ 220.7550, 4.5578,
-62.0521

■ 237.6710, 2.1342,
-31.2835

■ 212.5960, 5.6222,
-76.8217

■ 245.8300, 1.0698,
-16.5139

■ 204.1380, 6.8340,
-92.2060

■ 254.2880, -0.1420,
-1.1296

■ 195.8650, 7.4616,
-106.8756

■ 255.0000, 0.0000,
0.0000

■ 187.7060, 8.5259,
-121.6452

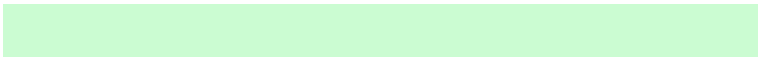
■ 179.2480, 9.7377,
-137.0295

■ 171.8010, 10.9441,
-150.6695

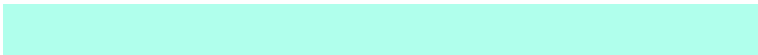
Harmonies

Analogous

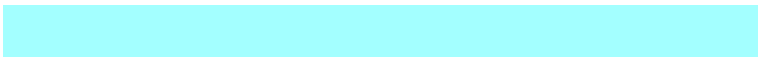
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.5610, -11.1226, -25.9250



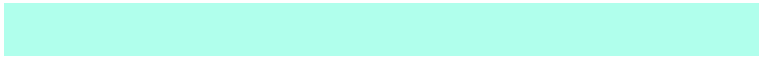
229.2130, 3.3460, -46.6678



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.



229.2130, 3.3460, -46.6678



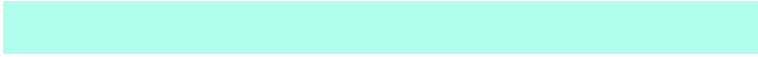
238.4870, 8.1409, 2.2039



232.3110, -18.3943, 19.8983

Complementary

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



229.2130, 3.3460, -46.6678



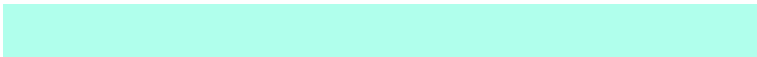
201.7870, -3.3460, 46.6678

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.



231.1830, -7.4852, 20.8875



229.2130, 3.3460, -46.6678



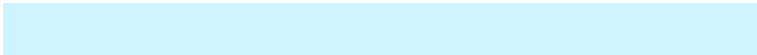
237.3900, 8.6817, 15.4440

Square

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



229.2130, 3.3460, -46.6678



232.7070, 10.9904, -25.1760



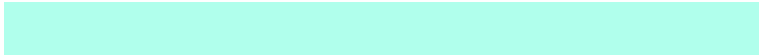
233.6740, 4.5977, 18.7029



236.5680, -24.9300, 16.1649

Rectangle

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



229.2130, 3.3460, -46.6678



227.2260, 13.6926, -51.9412



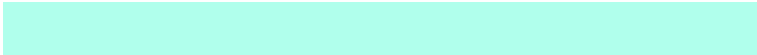
233.6740, 4.5977, 18.7029



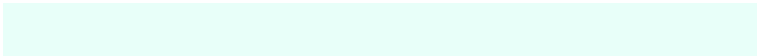
231.8210, -15.1948, 20.3280

Sweetspot

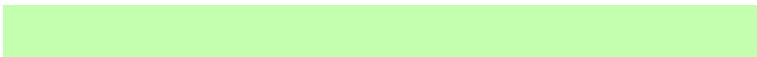
The Sweet Spot groups the original color and five complimentary colors.



229.2130, 3.3460, -46.6678



247.4390, 0.7696, -13.5400



228.3530, -25.8100, -28.3736



123.0590, 0.4639, -8.8217



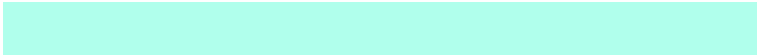
0.0000, 0.0000, 0.0000



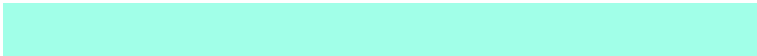
128.0000, 0.0000, 0.0000

Same Dimension

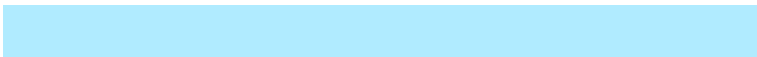
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.2130, 3.3460, -46.6678



224.2720, 3.8099, -55.4895



219.6390, 17.4330, -38.2714



123.6570, 0.1691, -7.5922



128.6470, 8.0620, -112.8234



43.0400, 2.4453, -37.7461

Inverse Universe

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



201.7870, -3.3460, 46.6678



191.6140, -4.2467, 55.5895



211.3610, -17.4330, 38.2714



119.2290, -0.6059, 7.6922



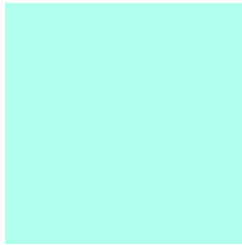
62.3530, -8.0620, 112.8234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 229.2130, 3.3460, -46.6678 looks on a white background.

Color Contrast Check

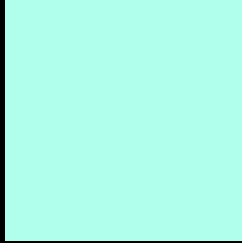
Large Text (above 18pt) WCAG AA × Fail

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 229.2130, 3.3460, -46.6678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

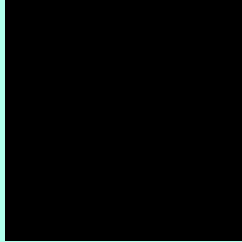
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

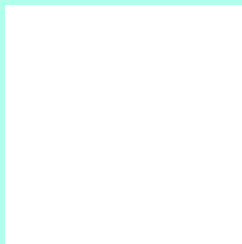
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.2130, 3.3460, -46.6678

Background



This preview shows how black text looks on a background with the YUV color 229.2130, 3.3460, -46.6678.



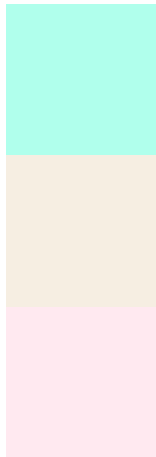
This preview shows how white text looks on a background with the YUV color 229.2130, 3.3460, -46.6678.

-46.6678.

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

229.2130, 3.3460, -46.6678

Protanopia

239.0240, -6.4208, 6.1180

Deuteranopia

240.3760, -0.1854, 12.8252



Tritanopia

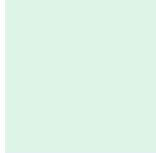
235.9850, 9.3744, -20.1578

Trichromacy



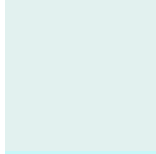
Original Color

229.2130, 3.3460, -46.6678



Protanomaly

235.5270, -2.7248, -12.7402



Deuteranomaly

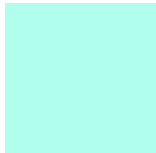
236.2870, 1.3375, -9.0217



Tritanomaly

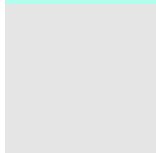
233.6480, 7.0755, -29.5093

Monochromacy



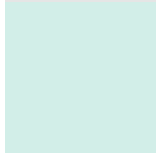
Original Color

229.2130, 3.3460, -46.6678



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.9440, 1.5066, -16.6139

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.2130, 3.3460, -46.6678 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(176, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(176, 255, 236)  
}
```

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(176, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 255, 236) }
```

Border

The CSS property to change the border of an element to YUV 229.2130, 3.3460, -46.6678 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(176, 255, 236) }
```


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

```
.border{ border-color:rgb(176, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(176, 255,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 229.2130, 3.3460, -46.6678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 255, 236) }
```

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

```
.background{ background-color: rgb(176,  
255, 236) }
```

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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