

Converting Colors

YUV(229.0130, -0.0064,
-44.7384)

Have a look what the booklet for
YUV(229.0130, -0.0064, -44.7384)
contains.

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Color

**YUV(229.0130, -0.0064,
-44.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	B2FFE5
RGB	178, 255, 229
RGB Percent	70%, 100%, 90%
CMY	0.3020, 0.0000, 0.1020
CMYK	0.30, 0.00, 0.10, 0.00
HSL	160°, 100%, 85%
HSV	160°, 30%, 100%
XYZ	68.2630, 86.6421, 87.2545
YIQ	229.0130, -37.5460, -24.4100

Conversions

Conversions Part 2

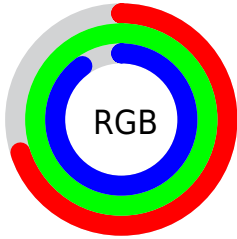
Format	Color
RYB	178, 224, 255
Decimal	11730917
CIELab	94.59, -28.90, 4.90
CIElCh	95, 29.310, 170.382
Yxy	86.6421, 0.2819, 0.3578
Android (android.graphics.Color)	4289920997 (0xFFB2FFE5)
YUV	229.0130, -0.0064, -44.7384
Hunter-Lab	93.0817, -31.9873, 9.5790

Details

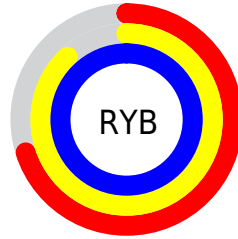
The YUV color $229.0130, -0.0064, -44.7384$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $203.9870, 0.0064, 44.7384$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0200, 2.9481, -12.2955$, and $172.8390, 0.5724, -43.7088$ is the 20% darker color. If you saturate the color by 10%, you get $220.2130, -0.1050, -59.8228$, and if you desaturate by 10%, it is $237.5140, 0.2396, -30.2688$.

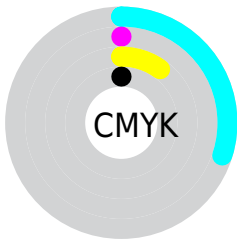
Distribution



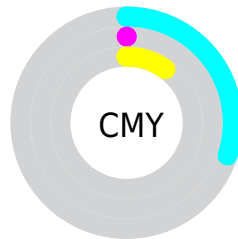
- Red (70%)
- Green (100%)
- Blue (90%)



- Red (70%)
- Yellow (88%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (30%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.0130, -0.0064, -44.7384 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 229.0130, -0.0064, -44.7384 by changing the saturation by 10% instead.

 229.0130, -0.0064,
-44.7384

 229.0130, -0.0064,
-44.7384

255.0000, 0.0000,
0.0000

 200.4260, 0.2830,
-44.2236

 249.0200, 2.9481,
-12.2955

 172.8390, 0.5724,
-43.7088

 145.2520, 0.8618,
-43.1940

 118.9530, 1.0092,
-43.8088

 92.7680, 1.5934,
-44.5235

 64.4080, 4.2359,
-52.1008

 46.2030, 1.8719,

-40.5200

■ 30.3080, -0.6448,
-26.5801

■ 15.1310, -5.4876,
-13.2699

■ 229.0130, -0.0064,
-44.7384

■ 229.0130, -0.0064,
-44.7384

■ 220.2130, -0.1050,
-59.8228

■ 237.5140, 0.2396,
-30.2688

■ 211.8260, 0.0858,
-74.3924

■ 246.2000, -0.0986,
-15.0844

■ 203.0260, -0.0128,
-89.4768

■ 255.0000, 0.0000,
0.0000

■ 194.6390, 0.1780,
-104.0464

■ 185.8390, 0.0794,
-119.1308

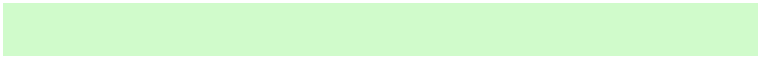
■ 177.3380, -0.1666,
-133.6004

■ 168.9510, 0.0242,
-148.1700

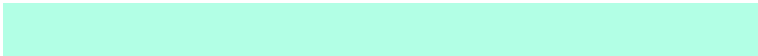
Harmonies

Analogous

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



232.6710, -14.6278, -21.6365



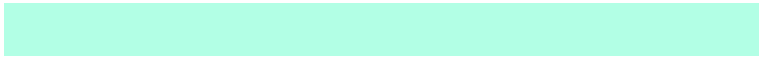
229.0130, -0.0064, -44.7384



226.5950, 14.0037, -58.4038

Triad

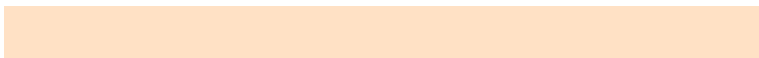
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.0130, -0.0064, -44.7384



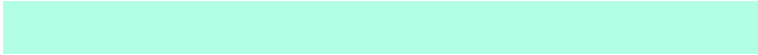
236.3830, 9.1782, -3.8439



230.7780, -16.6526, 21.2427

Complementary

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



229.0130, -0.0064, -44.7384



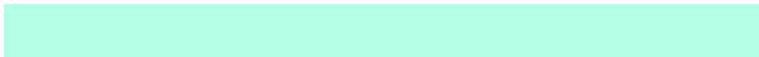
203.9870, 0.0064, 44.7384

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.



230.5790, -4.7224, 21.4172



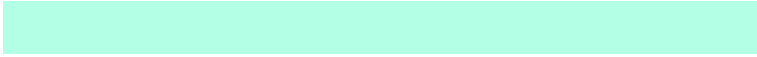
229.0130, -0.0064, -44.7384



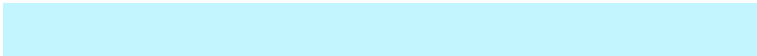
237.9770, 8.3923, 14.9292

Square

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



229.0130, -0.0064, -44.7384



230.8910, 11.8857, -32.3534



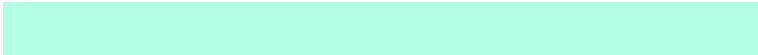
233.8850, 7.9447, 18.5179



234.5790, -24.9354, 17.9092

Rectangle

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



229.0130, -0.0064, -44.7384



225.4210, 14.5824, -57.3742



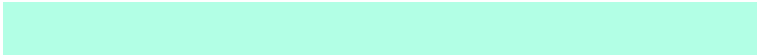
233.8850, 7.9447, 18.5179



230.4020, -13.0162, 21.5724

Sweetspot

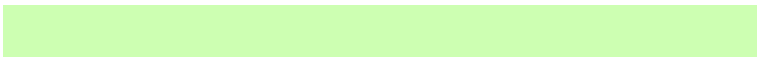
The Sweet Spot groups the original color and five complimentary colors.



229.0130, -0.0064, -44.7384



247.2110, -0.1040, -13.3400



231.2720, -26.2631, -23.0405



122.9450, 0.0271, -8.7218



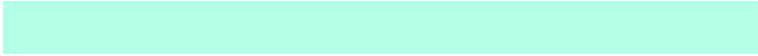
0.0000, 0.0000, 0.0000



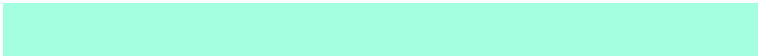
128.0000, 0.0000, 0.0000

Same Dimension

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



229.0130, -0.0064, -44.7384



223.9580, 0.0207, -53.4602



224.9330, 14.8230, -41.1602



123.5430, -0.2677, -7.4922



126.5950, 0.1997, -111.0238



42.3560, -0.1755, -37.1462

Inverse Universe

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



203.9870, 0.0064, 44.7384



194.0420, -0.0207, 53.4602



208.0670, -14.8230, 41.1602



119.3430, -0.1691, 7.5922



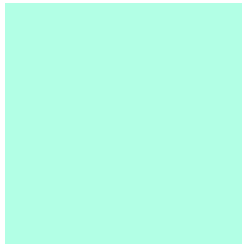
64.5190, 0.2371, 110.9238



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 229.0130, -0.0064, -44.7384 looks on a white background.

Color Contrast Check

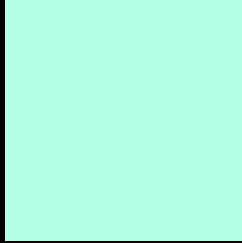
Large Text (above 18pt) WCAG AA × Fail

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 229.0130, -0.0064, -44.7384 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

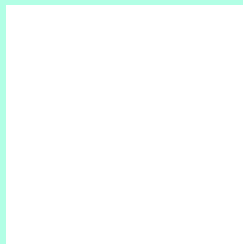
Any Text WCAG AAA ✓ Pass

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

YUV 229.0130, -0.0064, -44.7384 Background



This preview shows how black text looks on a background with the YUV color 229.0130, -0.0064, -44.7384.



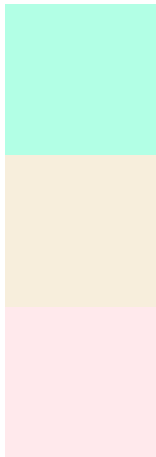
This preview shows how white text looks on a background with the YUV color 229.0130, -0.0064,

-44.7384.

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

229.0130, -0.0064, -44.7384

Protanopia

238.6390, -9.1890, 7.3326

Deuteranopia

239.9200, -1.9326, 13.2252



Tritanopia

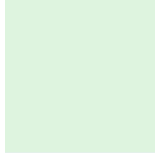
235.9850, 9.3744, -20.1578

Trichromacy



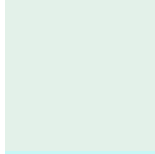
Original Color

229.0130, -0.0064, -44.7384



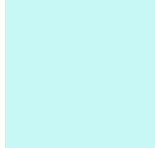
Protanomaly

235.0280, -5.9298, -11.4256



Deuteranomaly

235.9020, -1.4307, -7.8071



Tritanomaly

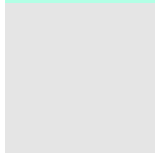
233.4200, 6.2019, -29.3093

Monochromacy



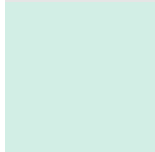
Original Color

229.0130, -0.0064, -44.7384



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.6020, 0.1962, -16.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.0130, -0.0064, -44.7384 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(178, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(178, 255, 229)  
}
```

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(178, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 229) }
```

Border

The CSS property to change the border of an element to YUV 229.0130, -0.0064, -44.7384 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(178, 255, 229) }
```


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

```
.border{ border-color:rgb(178, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 229.0130, -0.0064, -44.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 255, 229) }
```

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

```
.background{ background-color: rgb(178,  
255, 229) }
```

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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