

# Converting Colors

YUV(229.3380, 3.7774,  
-45.0234)

Have a look what the booklet for  
YUV(229.3380, 3.7774, -45.0234)  
contains.

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# Color

**YUV(229.3380, 3.7774,  
-45.0234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2FEED
RGB	178, 254, 237
RGB Percent	70%, 100%, 93%
CMY	0.3020, 0.0039, 0.0706
CMYK	0.30, 0.00, 0.07, 0.00
HSL	167°, 97%, 85%
HSV	167°, 30%, 100%
XYZ	69.0880, 86.4630, 93.1685
YIQ	229.3380, -39.8390, -21.3990

# Conversions

## Conversions Part 2

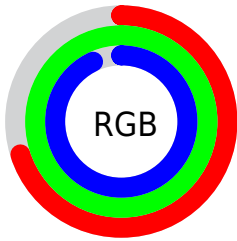
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 221, 254
Decimal	11730669
CIELab	94.51, -26.77, 0.66
CIELCh	95, 26.780, 178.588
Yxy	86.4630, 0.2778, 0.3476
Android (android.graphics.Color)	4289920749 (0xFFB2FEED)
YUV	229.3380, 3.7774, -45.0234
Hunter-Lab	92.9855, -30.0996, 5.6832

# Details

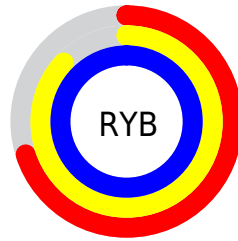
The YUV color  $229.3380, 3.7774, -45.0234$  is a light color, and the websafe version is hex  $99FFFF$ . A complement of this color would be  $202.6620, -3.7774, 45.0234$ , and the grayscale version is  $229.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.0200, 2.9481, -12.2955$ , and  $173.0500, 3.9193, -43.8939$  is the 20% darker color. If you saturate the color by 10%, you get  $221.1790, 4.8418, -59.7930$ , and if you desaturate by 10%, it is  $237.4970, 2.7130, -30.2539$ .

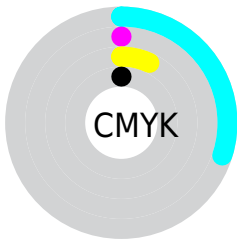
# Distribution



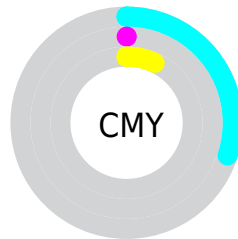
- Red (70%)
- Green (100%)
- Blue (93%)



- Red (70%)
- Yellow (87%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.3380, 3.7774, -45.0234 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 229.3380, 3.7774, -45.0234 by changing the saturation by 10% instead.



■ 229.3380, 3.7774,  
-45.0234

■ 229.3380, 3.7774,  
-45.0234

255.0000, 0.0000,  
0.0000

■ 200.7510, 4.0668,  
-44.5086

■ 249.0200, 2.9481,  
-12.2955

■ 173.0500, 3.9193,  
-43.8939

■ 146.0500, 3.9193,  
-43.8939

■ 119.1640, 4.3561,  
-43.9938

■ 92.6800, 5.0878,  
-45.3234

■ 63.9070, 7.4408,  
-53.4154

■ 46.4140, 5.2189,

-40.7051

■ 30.4050, 2.2653,  
-26.6652

■ 16.2710, -1.1196,  
-14.2697

■ 229.3380, 3.7774,  
-45.0234

■ 229.3380, 3.7774,  
-45.0234

■ 221.1790, 4.8418,  
-59.7930

■ 237.4970, 2.7130,  
-30.2539

■ 212.8350, 6.4903,  
-75.2773

■ 245.8410, 1.0644,  
-14.7696

■ 204.6760, 7.5547,  
-90.0469

■ 254.0000, 0.0000,  
0.0000

■ 196.2180, 8.7665,  
-105.4312

■ 254.4130, 0.2894,  
0.5148

■ 188.1730, 10.2677,  
-120.3007

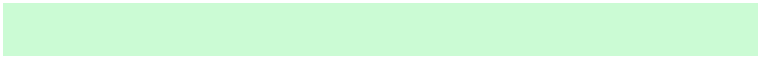
■ 180.0140, 11.3321,  
-135.0703

■ 171.5560, 12.5439,  
-150.4546

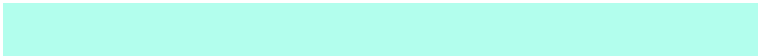
# Harmonies

## Analogous

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



232.2020, -9.9596, -25.6102



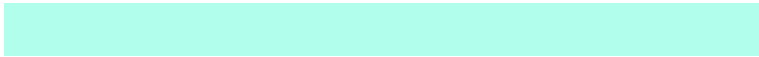
229.3380, 3.7774, -45.0234



227.5140, 13.5506, -53.0708

# Triad

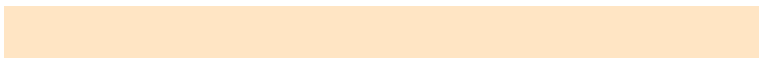
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.3380, 3.7774, -45.0234



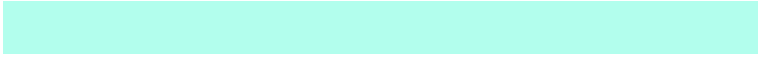
238.1990, 8.2829, 3.3335



233.0120, -18.2469, 19.2835

# Complementary

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



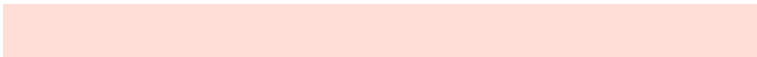
229.3380, 3.7774, -45.0234



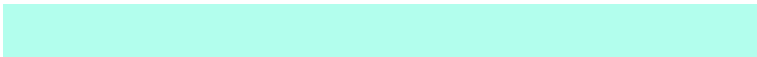
202.6620, -3.7774, 45.0234

# 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



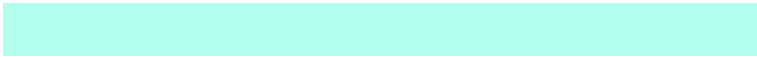
229.3380, 3.7774, -45.0234



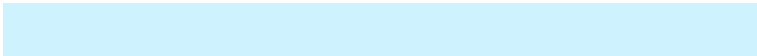
237.3900, 8.6817, 15.4440

# Square

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



229.3380, 3.7774, -45.0234



233.0170, 10.8376, -22.8169



233.4460, 3.7241, 18.9029

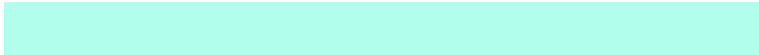


236.7960, -24.0564, 15.9649



# Rectangle

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



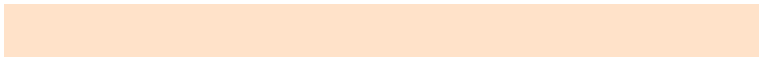
229.3380, 3.7774, -45.0234



227.8350, 13.3923, -48.9673



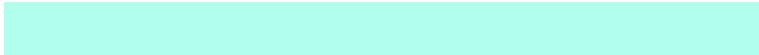
233.4460, 3.7241, 18.9029



231.8210, -15.1948, 20.3280

# Sweetspot

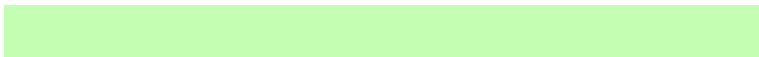
The Sweet Spot groups the original color and five complimentary colors.



229.3380, 3.7774, -45.0234



247.5530, 1.2064, -13.6400



227.9940, -24.6470, -28.0587



123.0590, 0.4639, -8.8217



0.0000, 0.0000, 0.0000

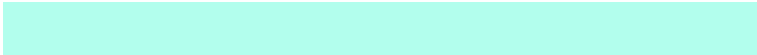


128.0000, 0.0000, 0.0000

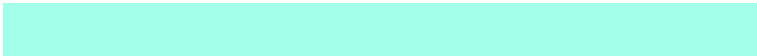


# Same Dimension

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



229.3380, 3.7774, -45.0234



225.0980, 4.3887, -54.4599



219.5360, 16.9908, -36.4271



123.7710, 0.6059, -7.6922



128.9890, 9.3724, -113.1234



43.1540, 2.8821, -37.8461



# Inverse Universe

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



202.6620, -3.7774, 45.0234



192.9020, -4.3887, 54.4599



212.4640, -16.9908, 36.4271



119.2290, -0.6059, 7.6922



62.0110, -9.3724, 113.1234

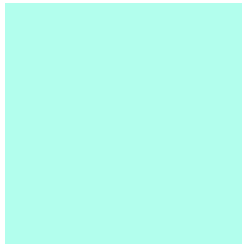


20.7320, -3.3189, 37.9460



# Previews

## White Background



This preview shows how the YUV color 229.3380, 3.7774, -45.0234 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

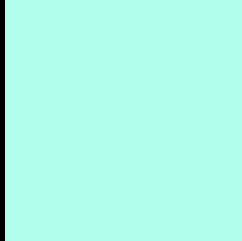
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.3380, 3.7774, -45.0234 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

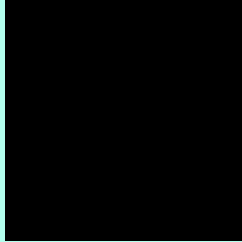
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

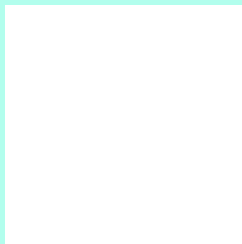
Any Text WCAG AAA ✓ Pass

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

# YUV 229.3380, 3.7774, -45.0234 Background



This preview shows how black text looks on a background with the YUV color 229.3380, 3.7774, -45.0234.



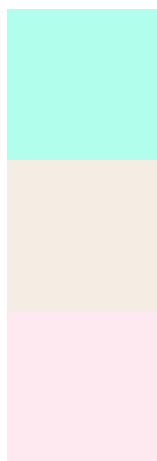
This preview shows how white text looks on a background with the YUV color 229.3380, 3.7774,

-45.0234.

# 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

229.3380, 3.7774, -45.0234

### Protanopia

238.3660, -5.1104, 5.8180

### Deuteranopia

240.4900, 0.2514, 12.7253



## Tritanopia

235.9850, 9.3744, -20.1578

# Trichromacy



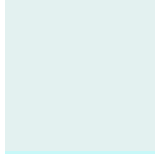
## Original Color

229.3380, 3.7774, -45.0234



## Protanomaly

235.0540, -1.9986, -12.3254



## Deuteranomaly

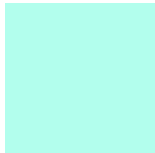
236.7000, 1.6269, -8.5069



## Tritanomaly

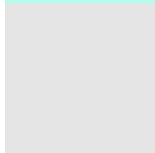
233.6480, 7.0755, -29.5093

# Monochromacy



## Original Color

229.3380, 3.7774, -45.0234



## 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 229.3380, 3.7774, -45.0234 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, 254, 237)` looks like.

```
.text, #text, p{  
    color:rgb(178, 254, 237)  
}
```

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, 254, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 254, 237) }
```

## Border

The CSS property to change the border of an element to YUV 229.3380, 3.7774, -45.0234 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, 254, 237) }
```



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

```
.border{ border-color:rgb(178, 254, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 254, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 254, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 254, 237);  
box-shadow:4px 4px 4px 4px rgb(178, 254,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 229.3380, 3.7774, -45.0234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 254, 237) }
```

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

```
.background{ background-color: rgb(178,  
254, 237) }
```

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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