

# Converting Colors

YUV(230.9350, 8.4130,  
-38.5310)

Have a look what the booklet for  
YUV(230.9350, 8.4130, -38.5310)  
contains.

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# Color

**YUV(230.9350, 8.4130,  
-38.5310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBFAF8
RGB	187, 250, 248
RGB Percent	73%, 98%, 97%
CMY	0.2667, 0.0196, 0.0275
CMYK	0.25, 0.00, 0.01, 0.02
HSL	178°, 86%, 86%
HSV	178°, 25%, 98%
XYZ	71.6224, 85.7133, 101.5764
YIQ	230.9350, -36.9060, -13.9780

# Conversions

## Conversions Part 2

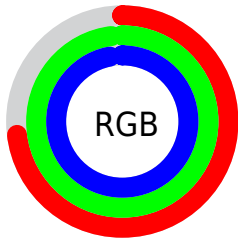
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 219, 250
Decimal	12319480
CIELab	94.19, -19.96, -5.44
CIELCh	94, 20.688, 195.246
Yxy	85.7133, 0.2766, 0.3311
Android (android.graphics.Color)	4290509560 (0xFFBBFAF8)
YUV	230.9350, 8.4130, -38.5310
Hunter-Lab	92.5815, -23.9274, -0.2434

# Details

The YUV color  $230.9350, 8.4130, -38.5310$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $206.0650, -8.4130, 38.5310$ , and the grayscale version is  $231.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.7110, 1.6215, -6.7625$ , and  $174.6470, 8.5550, -37.4014$  is the 20% darker color. If you saturate the color by 10%, you get  $223.3460, 11.6614, -53.8004$ , and if you desaturate by 10%, it is  $238.5240, 5.1647, -23.2615$ .

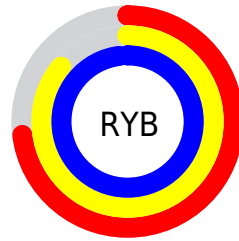
# Distribution



Red (73%)

Green (98%)

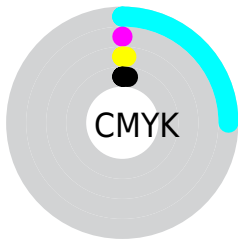
Blue (97%)



Red (73%)

Yellow (86%)

Blue (98%)

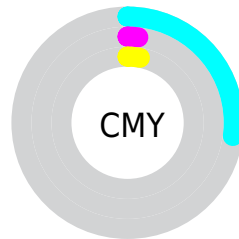


Cyan (25%)

Magenta (0%)

Yellow (1%)

Black (2%)



Cyan (27%)

Magenta (2%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.9350, 8.4130, -38.5310 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 230.9350, 8.4130, -38.5310 by changing the saturation by 10% instead.



230.9350, 8.4130,  
-38.5310

230.9350, 8.4130,  
-38.5310

255.0000, 0.0000,  
0.0000

202.2340, 8.2656,  
-37.9162

251.7110, 1.6215,  
-6.7625

174.6470, 8.5550,  
-37.4014

147.6470, 8.5550,  
-37.4014

121.5330, 8.1182,  
-37.3014

95.6470, 8.5550,  
-37.4014

69.4510, 9.1447,  
-39.8605

46.1520, 9.2921,

-40.4753

■ 30.1430, 6.3385,  
-26.4354

■ 16.7100, 3.1010,  
-14.6547

■ 230.9350, 8.4130,  
-38.5310

■ 230.9350, 8.4130,  
-38.5310

■ 223.3460, 11.6614,  
-53.8004

■ 238.5240, 5.1647,  
-23.2615

■ 215.7570, 14.9098,  
-69.0699

■ 246.1130, 1.9163,  
-7.9921

■ 208.2820, 18.5950,  
-84.4393

■ 251.4950, -0.7370,  
3.0739

■ 200.6930, 21.8434,  
-99.7088

■ 251.6090, -0.3002,  
2.9739

■ 193.1040, 25.0917,  
-114.9782

■ 251.7230, 0.1366,  
2.8739

■ 185.5150, 28.3401,  
-130.2477

■ 251.8370, 0.5734,  
2.7740

■ 177.9260, 31.5885,  
-145.5171

■ 251.9510, 1.0102,  
2.6740

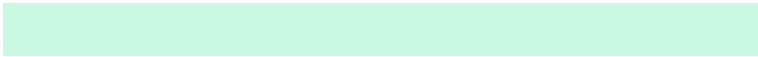
■ 174.3380, 33.3574,  
-152.8944

■ 252.0650, 1.4470,  
2.5740

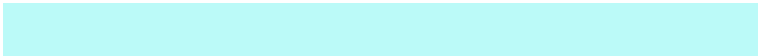
# Harmonies

## Analogous

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



231.8410, -2.3866, -27.9246



230.9350, 8.4130, -38.5310



230.8580, 11.9020, -37.5865

# Triad

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



230.9350, 8.4130, -38.5310



240.0260, 7.3822, 12.2552



236.4030, -17.9467, 16.3096

# Complementary

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



230.9350, 8.4130, -38.5310



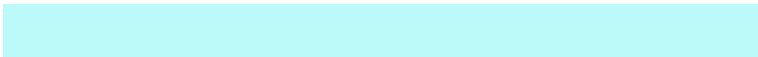
206.0650, -8.4130, 38.5310

# 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.



234.1350, -11.4056, 18.2986



230.9350, 8.4130, -38.5310



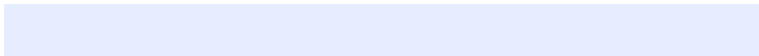
236.7060, 6.0609, 16.0438

# Square

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



230.9350, 8.4130, -38.5310



236.6600, 9.0416, -6.7178



234.4260, -2.6750, 18.0434

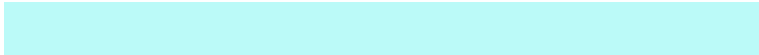


236.3370, -17.9141, 5.8435

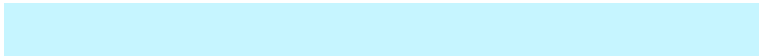


# Rectangle

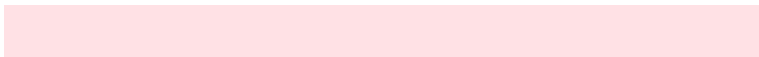
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



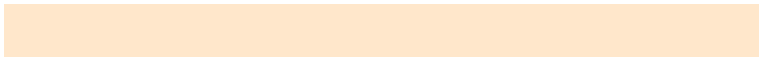
230.9350, 8.4130, -38.5310



232.0870, 11.2961, -29.8943



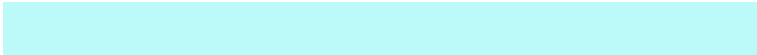
234.4260, -2.6750, 18.0434



234.9840, -15.7681, 17.5540

# Sweetspot

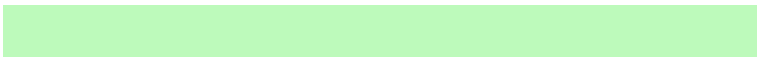
The Sweet Spot groups the original color and five complimentary colors.



230.9350, 8.4130, -38.5310



248.9060, 2.5113, -12.1956



224.5790, -18.5264, -31.2028



123.9990, 1.4795, -7.8921



0.0000, 0.0000, 0.0000

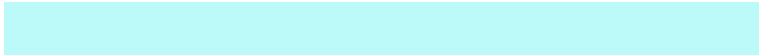


128.0000, 0.0000, 0.0000

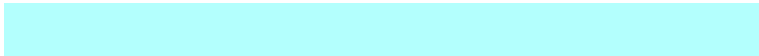


# Same Dimension

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



230.9350, 8.4130, -38.5310



232.0480, 10.3293, -46.5231



214.1400, 17.6790, -23.8018



121.1130, 1.9163, -7.9921



131.8050, 25.2391, -115.5930



42.5330, 8.1182, -37.3014



# Inverse Universe

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



206.0650, -8.4130, 38.5310



201.9520, -10.3293, 46.5231



222.8600, -17.6790, 23.8018



116.0010, -1.4795, 7.8921



57.1950, -25.2391, 115.5930

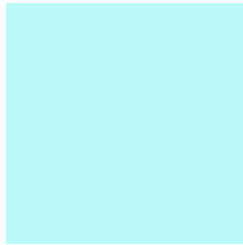


18.4670, -8.1182, 37.3014



# Previews

## White Background



This preview shows how the YUV color 230.9350, 8.4130, -38.5310 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

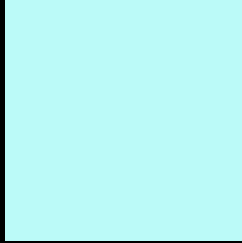
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.9350, 8.4130, -38.5310 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

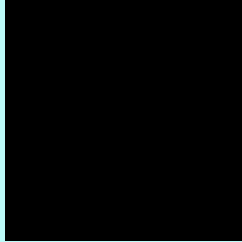
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 230.9350, 8.4130, -38.5310

## Background



This preview shows how black text looks on a background with the YUV color 230.9350, 8.4130, -38.5310.



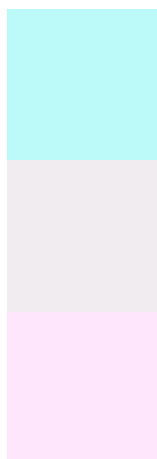
This preview shows how white text looks on a background with the YUV color 230.9350, 8.4130,

-38.5310.

# 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

230.9350, 8.4130, -38.5310

### Protanopia

237.9510, 1.0102, 2.6740

### Deuteranopia

240.2710, 5.7824, 12.0403



## **Tritanopia**

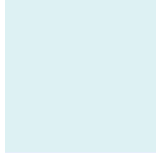
235.0990, 9.8112, -20.2578

# Trichromacy



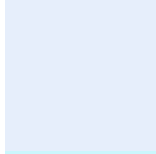
## Original Color

230.9350, 8.4130, -38.5310



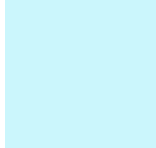
## Protanomaly

235.2480, 3.8217, -12.4955



## Deuteranomaly

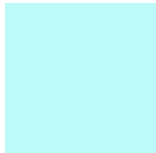
237.0900, 6.8576, -6.2179



## Tritanomaly

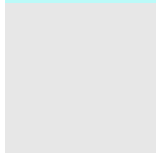
233.8270, 8.9593, -27.0353

# Monochromacy



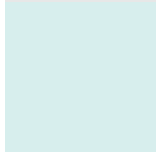
## Original Color

230.9350, 8.4130, -38.5310



## Achromatopsia

231.0000, 0.0000, 0.0000



## Achromatomaly

231.0090, 2.9536, -14.0399

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.9350, 8.4130, -38.5310 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(187, 250, 248)` looks like.

```
.text, #text, p{  
    color:rgb(187, 250, 248)  
}
```

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(187, 250, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 250, 248) }
```

## Border

The CSS property to change the border of an element to YUV 230.9350, 8.4130, -38.5310 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(187, 250, 248) }
```



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

```
.border{ border-color:rgb(187, 250, 248) }
```

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

Here you see how a box with a 4 pixel rgb(187, 250, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 250, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 250, 248);  
box-shadow:4px 4px 4px 4px rgb(187, 250,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 230.9350, 8.4130, -38.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 250, 248) }
```

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

```
.background{ background-color: rgb(187,  
250, 248) }
```

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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