

# Converting Colors

YUV(232.8210, 7.9762,  
-38.4310)

Have a look what the booklet for  
YUV(232.8210, 7.9762, -38.4310)  
contains.

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# Color

**YUV(232.8210, 7.9762,  
-38.4310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BDFCF9</a>
RGB	<a href="#">189, 252, 249</a>
RGB Percent	<a href="#">74%, 99%, 98%</a>
CMY	<a href="#">0.2588, 0.0118, 0.0235</a>
CMYK	<a href="#">0.25, 0.00, 0.01, 0.01</a>
HSL	<a href="#">177°, 91%, 86%</a>
HSV	<a href="#">177°, 25%, 99%</a>
XYZ	<a href="#">72.8956, 87.2792, 102.6271</a>
YIQ	<a href="#">232.8210, -36.5850, -14.2890</a>

# Conversions

## Conversions Part 2

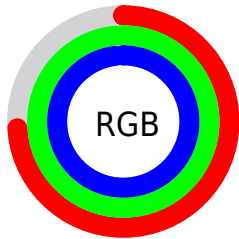
Format	Color
<b>RYB</b>	189, 221, 252
Decimal	12451065
CIELab	94.86, -20.15, -4.96
CIELCh	95, 20.757, 193.830
Yxy	87.2792, 0.2774, 0.3321
Android (android.graphics.Color)	4290641145 (0xFFBDFCF9)
YUV	232.8210, 7.9762, -38.4310
Hunter-Lab	93.4233, -24.2124, 0.2653

# Details

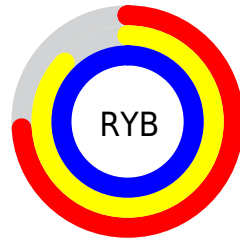
The YUV color  $232.8210, 7.9762, -38.4310$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $208.1790, -7.9762, 38.4310$ , and the grayscale version is  $233.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.3090, 1.3267, -5.5330$ , and  $176.5330, 8.1182, -37.3014$  is the 20% darker color. If you saturate the color by 10%, you get  $225.2320, 11.2246, -53.7005$ , and if you desaturate by 10%, it is  $240.4100, 4.7279, -23.1616$ .

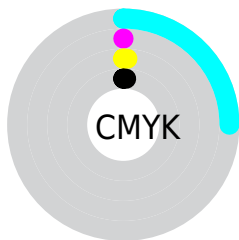
# Distribution



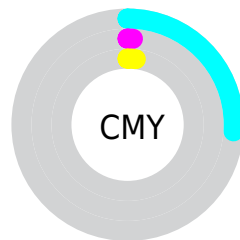
- Red (74%)
- Green (99%)
- Blue (98%)



- Red (74%)
- Yellow (87%)
- Blue (99%)



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (26%)
- Magenta (1%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.8210, 7.9762, -38.4310 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 232.8210, 7.9762, -38.4310 by changing the saturation by 10% instead.



232.8210, 7.9762,  
-38.4310

232.8210, 7.9762,  
-38.4310

255.0000, 0.0000,  
0.0000

204.1200, 7.8288,  
-37.8162

252.3090, 1.3267,  
-5.5330

176.5330, 8.1182,  
-37.3014

149.5330, 8.1182,  
-37.3014

122.8320, 7.9708,  
-36.6867

97.5330, 8.1182,  
-37.3014

71.6360, 8.5605,  
-39.1458

46.8530, 9.4395,

-41.0901

■ 31.4310, 6.1965,  
-27.5650

■ 17.8840, 2.5222,  
-15.6843

■ 232.8210, 7.9762,  
-38.4310

■ 232.8210, 7.9762,  
-38.4310

■ 225.2320, 11.2246,  
-53.7005

■ 240.4100, 4.7279,  
-23.1616

■ 217.6430, 14.4730,  
-68.9699

■ 247.9990, 1.4795,  
-7.8921

■ 209.6410, 17.4320,  
-84.7542

■ 253.0110, -0.0054,  
1.7444

■ 202.0520, 20.6804,  
-100.0236

■ 253.1250, 0.4314,  
1.6444

■ 194.4630, 23.9287,  
-115.2931

■ 253.2390, 0.8682,  
1.5444

■ 186.8740, 27.1771,  
-130.5625

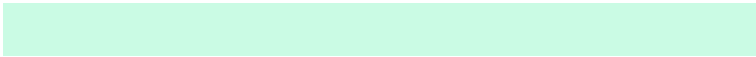
■ 179.2850, 30.4255,  
-145.8319

■ 175.2840, 31.9050,  
-153.7241

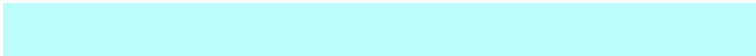
# Harmonies

## Analogous

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



233.7270, -2.8234, -27.8246



232.8210, 7.9762, -38.4310



232.6300, 11.0284, -37.3865

# Triad

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



232.8210, 7.9762, -38.4310



241.4990, 6.6560, 11.8404



237.2180, -17.3625, 15.5948

# Complementary

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



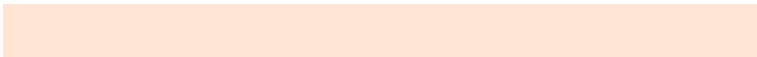
232.8210, 7.9762, -38.4310



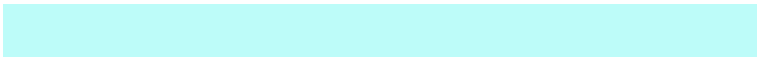
208.1790, -7.9762, 38.4310

# 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.



234.9500, -10.8214, 17.5838



232.8210, 7.9762, -38.4310



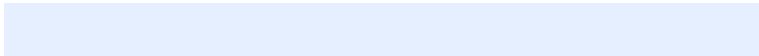
238.2220, 6.7926, 14.7143

# Square

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



232.8210, 7.9762, -38.4310



238.1330, 8.3154, -7.1326



235.2410, -2.0908, 17.3286

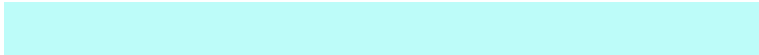


238.5220, -18.4983, 6.5582

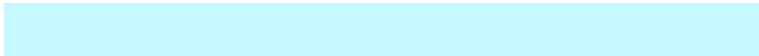


# Rectangle

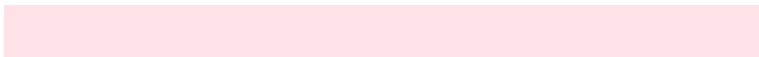
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.8210, 7.9762, -38.4310



233.5600, 10.5699, -30.3091



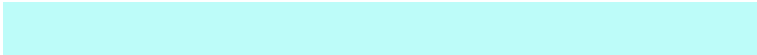
235.2410, -2.0908, 17.3286



236.3860, -15.4733, 16.3245

# Sweetspot

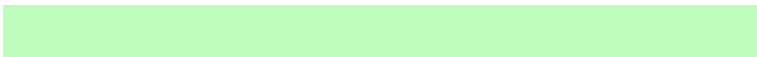
The Sweet Spot groups the original color and five complimentary colors.



232.8210, 7.9762, -38.4310



248.9060, 2.5113, -12.1956



226.8780, -18.6739, -30.5880



123.9990, 1.4795, -7.8921



0.0000, 0.0000, 0.0000

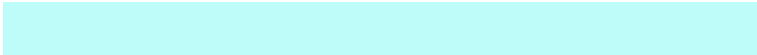


128.0000, 0.0000, 0.0000

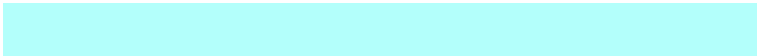


# Same Dimension

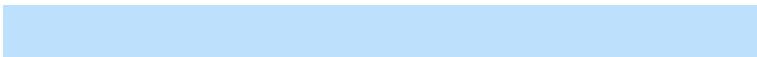
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.8210, 7.9762, -38.4310



231.8200, 9.4557, -46.3231



216.7270, 17.3896, -24.3166



120.9990, 1.4795, -7.8921



131.4630, 23.9287, -115.2931



42.4190, 7.6814, -37.2015



# Inverse Universe

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



208.1790, -7.9762, 38.4310



202.0660, -9.8925, 46.4231



224.2730, -17.3896, 24.3166



116.0010, -1.4795, 7.8921



57.5370, -23.9287, 115.2931

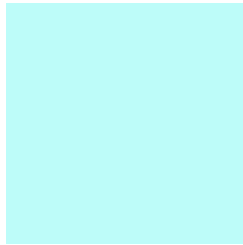


18.5810, -7.6814, 37.2015



# Previews

## White Background



This preview shows how the YUV color 232.8210, 7.9762, -38.4310 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

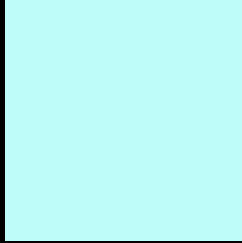
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.8210, 7.9762, -38.4310 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

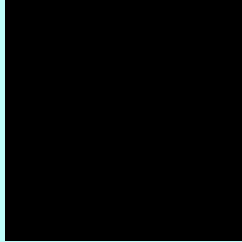
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

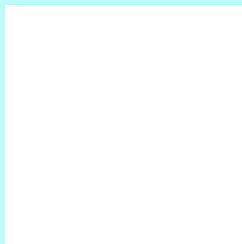
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 232.8210, 7.9762, -38.4310

## Background



This preview shows how black text looks on a background with the YUV color 232.8210, 7.9762, -38.4310.



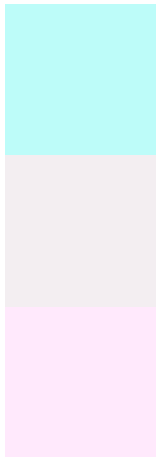
This preview shows how white text looks on a background with the YUV color 232.8210, 7.9762, -38.4310.

-38.4310.

# 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

232.8210, 7.9762, -38.4310

### Protanopia

239.8370, 0.5734, 2.7740

### Deuteranopia

241.7440, 5.0562, 11.6255



## Tritanopia

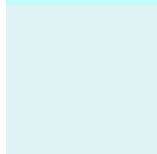
237.1810, 8.7848, -17.6987

# Trichromacy



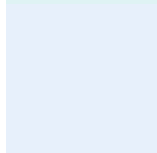
## Original Color

232.8210, 7.9762, -38.4310



## Protanomaly

237.1340, 3.3849, -12.3955



## Deuteranomaly

238.5630, 6.1314, -6.6328



## Tritanomaly

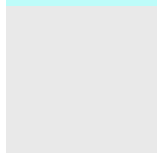
235.7240, 8.5171, -25.1909

# Monochromacy



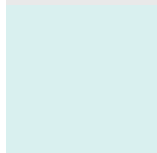
## Original Color

232.8210, 7.9762, -38.4310



## Achromatopsia

233.0000, 0.0000, 0.0000



## Achromatomaly

233.0090, 2.9536, -14.0399

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.8210, 7.9762, -38.4310 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(189, 252, 249)` looks like.

```
.text, #text, p{  
    color:rgb(189, 252, 249)  
}
```

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(189, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 252, 249) }
```

## Border

The CSS property to change the border of an element to YUV 232.8210, 7.9762, -38.4310 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(189, 252, 249) }
```



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

```
.border{ border-color:rgb(189, 252, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 252, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 252, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 252, 249); box-shadow:4px 4px 4px 4px rgb(189, 252, 249) }
```

# Background

The CSS property to change the background color of an element to YUV 232.8210, 7.9762, -38.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 252, 249) }
```

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

```
.background{ background-color: rgb(189,  
252, 249) }
```

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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