

# Converting Colors

YUV(232.0160, -7.8959,  
-34.2170)

Have a look what the booklet for  
YUV(232.0160, -7.8959, -34.2170)  
contains.

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# Color

**YUV(232.0160, -7.8959,  
-34.2170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1FFD8
RGB	193, 255, 216
RGB Percent	76%, 100%, 85%
CMY	0.2431, 0.0000, 0.1529
CMYK	0.24, 0.00, 0.15, 0.00
HSL	142°, 100%, 88%
HSV	142°, 24%, 100%
XYZ	70.1470, 87.8153, 78.2187
YIQ	232.0160, -24.4330, -25.2730

# Conversions

## Conversions Part 2

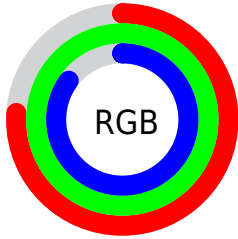
Format	Color
<a href="#">RYB</a>	<a href="#">193, 238, 255</a>
Decimal	<a href="#">12713944</a>
CIELab	<a href="#">95.08, -26.96, 12.40</a>
CIELCh	<a href="#">95, 29.673, 155.296</a>
Yxy	<a href="#">87.8153, 0.2970, 0.3718</a>
Android (android.graphics.Color)	<a href="#">4290904024 (0xFFC1FFD8)</a>
YUV	<a href="#">232.0160, -7.8959, -34.2170</a>
Hunter-Lab	<a href="#">93.7098, -30.3751, 16.1081</a>

# Details

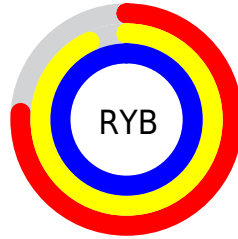
The YUV color  $232.0160, -7.8959, -34.2170$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $215.9840, 7.8959, 34.2170$ , and the grayscale version is  $232.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.5050, 0.7370, -3.0739$ , and  $175.8420, -7.3171, -33.1874$  is the 20% darker color. If you saturate the color by 10%, you get  $222.7170, -11.1995, -47.9868$ , and if you desaturate by 10%, it is  $241.6140, -4.7397, -19.8325$ .

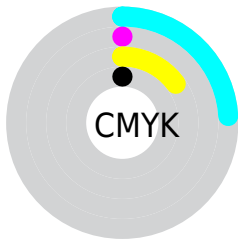
# Distribution



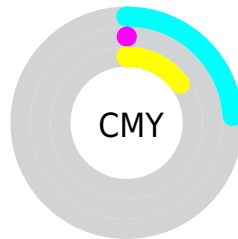
- Red (76%)
- Green (100%)
- Blue (85%)



- Red (76%)
- Yellow (93%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.0160, -7.8959, -34.2170 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 232.0160, -7.8959, -34.2170 by changing the saturation by 10% instead.




 232.0160, -7.8959,  
-34.2170

 232.0160, -7.8959,  
-34.2170

255.0000, 0.0000,  
0.0000


 203.4290, -7.6065,  
-33.7022


 253.5050, 0.7370,  
-3.0739

 175.8420, -7.3171,  
-33.1874

 149.2550, -7.0277,  
-32.6726

 122.7820, -6.3015,  
-32.2578

 97.1950, -6.0121,  
-31.7430

 72.1240, -4.9911,  
-32.5577

 46.5580, -3.2331,

-36.4464

■ 29.1680, -5.0128,  
-25.5803

■ 15.2620, -7.5242,  
-13.3848

■ 232.0160, -7.8959,  
-34.2170

■ 232.0160, -7.8959,  
-34.2170

■ 222.7170,  
-11.1995, -47.9868

■ 241.6140, -4.7397,  
-19.8325

■ 213.1190,  
-14.3557, -62.3714

■ 250.9130, -1.4361,  
-6.0627

■ 203.8200,  
-17.6593, -76.1411

■ 255.0000, 0.0000,  
0.0000

■ 194.2220,  
-20.8154, -90.5257

■ 184.9230,  
-24.1190, -104.2955

■ 175.3250,  
-27.2752, -118.6800

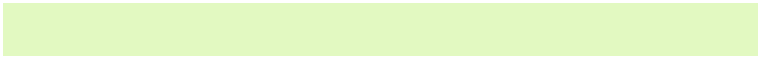
■ 166.0260,  
-30.5788, -132.4498

■ 160.5150,  
-32.2989, -140.7717

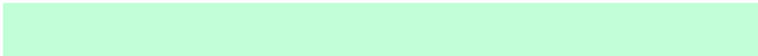
# Harmonies

## Analogous

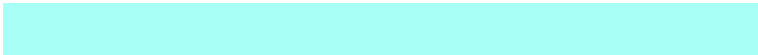
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.7390, -21.0703, -8.5411



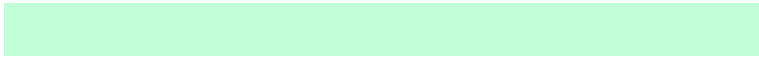
232.0160, -7.8959, -34.2170



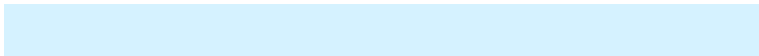
227.5480, 8.6038, -53.1006

# Triad

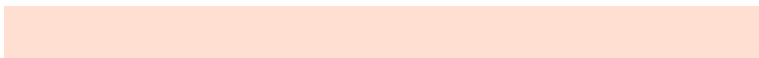
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.0160, -7.8959, -34.2170



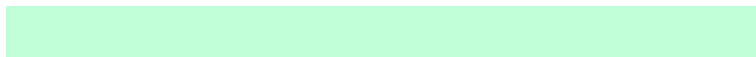
234.8110, 9.9532, -19.1282



230.9720, -10.8322, 21.0726

# Complementary

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



232.0160, -7.8959, -34.2170



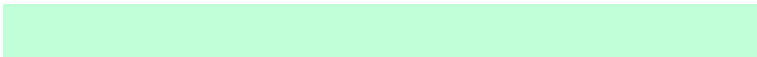
215.9840, 7.8959, 34.2170

# 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.



232.4030, 2.2663, 19.8176



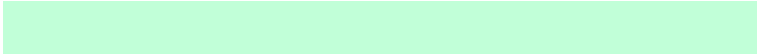
232.0160, -7.8959, -34.2170



240.6020, 7.0982, 9.9960

# Square

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



232.0160, -7.8959, -34.2170



228.7430, 12.9447, -45.3786



236.8030, 8.9711, 15.9588

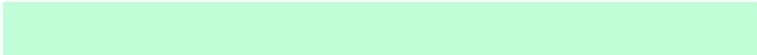


233.5020, -21.4465, 18.8537



# Rectangle

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



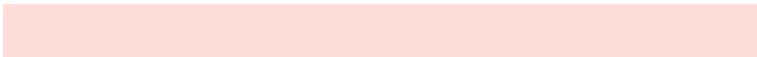
232.0160, -7.8959, -34.2170



226.2960, 14.1511, -59.0186



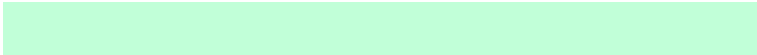
236.8030, 8.9711, 15.9588



231.4110, -6.6116, 20.6876

# Sweetspot

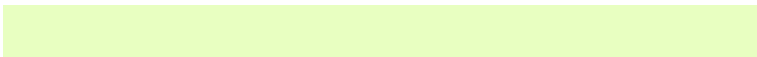
The Sweet Spot groups the original color and five complimentary colors.



232.0160, -7.8959, -34.2170



248.3640, -2.1515, -9.9662



241.0550, -23.6911, -7.9412



123.9130, -1.4361, -6.0627



0.0000, 0.0000, 0.0000

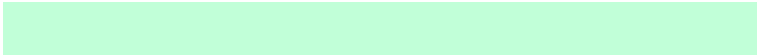


128.0000, 0.0000, 0.0000

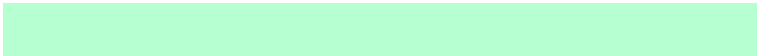


# Same Dimension

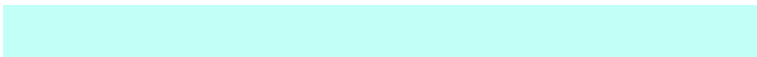
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.0160, -7.8959, -34.2170



227.5160, -9.6214, -40.7945



235.5500, 5.6448, -37.3164



123.0870, -2.0149, -7.0923



120.2110, -24.2610, -105.4250



40.3040, -8.0379, -35.3466



# Inverse Universe

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



215.9840, 7.8959, 34.2170



208.4840, 9.6214, 40.7945



212.4500, -5.6448, 37.3164



119.7990, 1.5781, 7.1923



70.7890, 24.2610, 105.4250

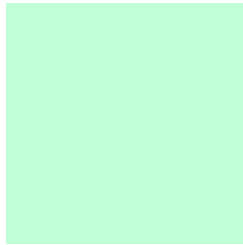


23.6960, 8.0379, 35.3466



# Previews

## White Background



This preview shows how the YUV color 232.0160, -7.8959, -34.2170 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

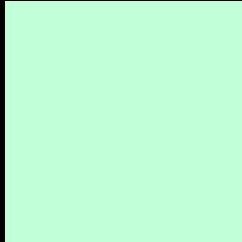
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.0160, -7.8959, -34.2170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

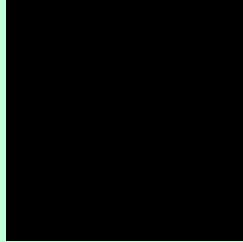
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

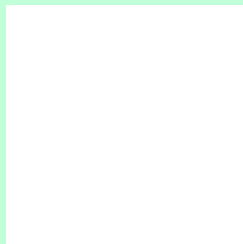
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 232.0160, -7.8959, -34.2170

## Background



This preview shows how black text looks on a background with the YUV color 232.0160, -7.8959, -34.2170.



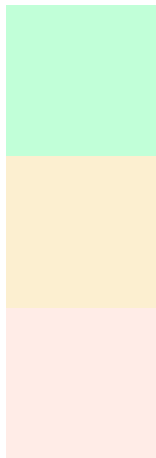
This preview shows how white text looks on a background with the YUV color 232.0160, -7.8959, -34.2170.

-34.2170.

# 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

232.0160, -7.8959, -34.2170

### Protanopia

239.3530, -15.4570, 11.0914

### Deuteranopia

241.1110, -4.9847, 12.1807



## Tritanopia

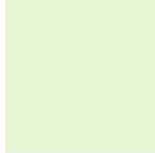
238.3770, 8.1951, -15.2396

# Trichromacy



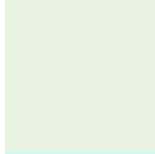
## Original Color

232.0160, -7.8959, -34.2170



## Protanomaly

236.9380, -12.7874, -5.2076



## Deuteranomaly

237.7730, -5.8041, -5.0629



## Tritanomaly

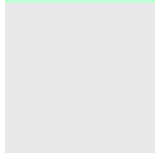
236.1390, 2.3965, -22.0469

# Monochromacy



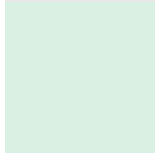
## Original Color

232.0160, -7.8959, -34.2170



## Achromatopsia

232.0000, 0.0000, 0.0000



## Achromatomaly

231.8260, -2.8722, -12.1254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.0160, -7.8959, -34.2170 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(193, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(193, 255, 216)  
}
```

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(193, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 216) }
```

## Border

The CSS property to change the border of an element to YUV 232.0160, -7.8959, -34.2170 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(193, 255, 216) }
```



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

```
.border{ border-color:rgb(193, 255, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 255, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
216) }
```

# Background

The CSS property to change the background color of an element to YUV 232.0160, -7.8959, -34.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 216) }
```

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

```
.background{ background-color: rgb(193,  
255, 216) }
```

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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