

# Converting Colors

YUV(210.0160, -7.8959,  
-34.2170)

Have a look what the booklet for  
YUV(210.0160, -7.8959, -34.2170)  
contains.

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# Color

**YUV(210.0160, -7.8959,  
-34.2170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABE9C2
RGB	171, 233, 194
RGB Percent	67%, 91%, 76%
CMY	0.3294, 0.0863, 0.2392
CMYK	0.27, 0.00, 0.17, 0.09
HSL	142°, 58%, 79%
HSV	142°, 27%, 91%
XYZ	55.6711, 70.8308, 61.7765
YIQ	210.0160, -24.4330, -25.2730

# Conversions

## Conversions Part 2

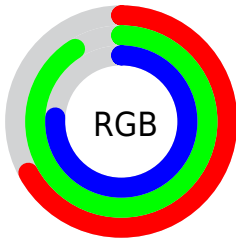
Format	Color
<a href="#">RYB</a>	<a href="#">171, 216, 233</a>
Decimal	<a href="#">11266498</a>
CIELab	<a href="#">87.40, -27.36, 12.71</a>
CIElCh	<a href="#">87, 30.165, 155.081</a>
Yxy	<a href="#">70.8308, 0.2957, 0.3762</a>
Android (android.graphics.Color)	<a href="#">4289456578</a> ( <a href="#">0xFFABE9C2</a> )
YUV	<a href="#">210.0160, -7.8959, -34.2170</a>
Hunter-Lab	<a href="#">84.1610, -29.2071, 15.3923</a>

# Details

The YUV color **210.0160, -7.8959, -34.2170** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **193.9840, 7.8959, 34.2170**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.1720, 2.3802, -16.8138**, and **154.8420, -7.3171, -33.1874** is the 20% darker color. If you saturate the color by 10%, you get **201.4290, -11.0575, -46.8572**, and if you desaturate by 10%, it is **218.6030, -4.7343, -21.5768**.

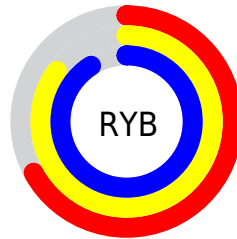
# Distribution



Red (67%)

Green (91%)

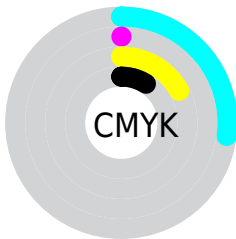
Blue (76%)



Red (67%)

Yellow (85%)

Blue (91%)

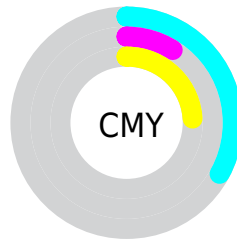


Cyan (27%)

Magenta (0%)

Yellow (17%)

Black (9%)



Cyan (33%)

Magenta (9%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 210.0160, -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 210.0160, -7.8959, -34.2170 by changing the saturation by 10% instead.



 210.0160, -7.8959,  
-34.2170

 210.0160, -7.8959,  
-34.2170


255.0000, 0.0000,  
0.0000


 182.4290, -7.6065,  
-33.7022


 246.1720, 2.3802,  
-16.8138

 154.8420, -7.3171,  
-33.1874

 128.3690, -6.5909,  
-32.7726

 102.7820, -6.3015,  
-32.2578

 78.0100, -5.4279,  
-32.4578

 52.6290, -4.2541,  
-35.6316

 32.5590, -4.7126,

-28.5542

■ 18.7840, -9.2605,  
-16.4736

■ 0.0000, 0.0000,  
0.0000

■ 210.0160, -7.8959,  
-34.2170

■ 210.0160, -7.8959,  
-34.2170

■ 201.4290,  
-11.0575, -46.8572

■ 218.6030, -4.7343,  
-21.5768

■ 192.6570,  
-13.6349, -60.2122

■ 227.3750, -2.1569,  
-8.2219

■ 184.0700,  
-16.7965, -72.8524

■ 235.9620, 1.0047,  
4.4183

■ 175.4830,  
-19.9581, -85.4926

■ 241.8580, 5.4930,  
11.5255

■ 166.7110,  
-22.5355, -98.8475

■ 242.0860, 6.3666,  
11.3256

■ 158.1240,  
-25.6971, -111.4877

■ 149.5370,  
-28.8587, -124.1279

■ 146.5750,  
-29.8635, -128.5463

# Harmonies

## Analogous

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



213.8530, -20.6335, -8.6411



210.0160, -7.8959, -34.2170



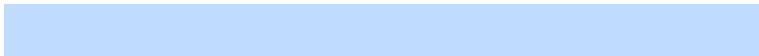
206.4230, 8.1725, -54.7450

# Triad

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



210.0160, -7.8959, -34.2170



215.3190, 19.5627, -21.3278



215.5500, -14.0751, 34.5977

# Complementary

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



210.0160, -7.8959, -34.2170



193.9840, 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.



216.9810, -0.9766, 33.3427



210.0160, -7.8959, -34.2170



221.1100, 16.7078, 7.7965

# Square

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



210.0160, -7.8959, -34.2170



209.5390, 22.4123, -48.7077



222.6350, 10.5329, 28.3841



218.0800, -24.6894, 32.3788



# Rectangle

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



210.0160, -7.8959, -34.2170



205.8980, 17.7983, -62.1775



222.6350, 10.5329, 28.3841



215.9890, -9.8546, 34.2126

# Sweetspot

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



210.0160, -7.8959, -34.2170



247.5380, -2.7302, -10.9958



219.0550, -23.6911, -7.9412



123.0870, -2.0149, -7.0923



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

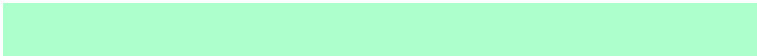


# Same Dimension

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



210.0160, -7.8959, -34.2170



224.6680, -10.1893, -45.3128



213.5500, 5.6449, -37.3163



112.9130, -1.4361, -6.0627



113.8850, -23.1143, -99.8771



33.9780, -6.8912, -29.7987



# Inverse Universe

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



193.9840, 7.8959, 34.2170



203.4460, 10.6261, 45.2129



190.4500, -5.6448, 37.3164



110.0870, 1.4361, 6.0627



67.1150, 23.1143, 99.8771

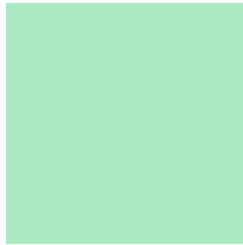


20.0220, 6.8912, 29.7987



# Previews

## White Background



This preview shows how the YUV color 210.0160, -7.8959, -34.2170 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

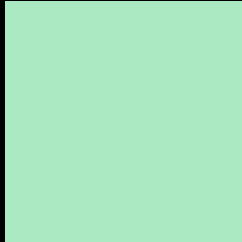
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 210.0160, -7.8959, -34.2170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

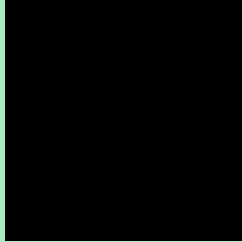
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

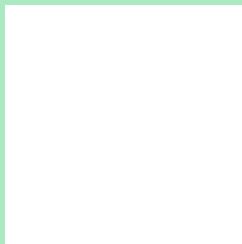
Any Text WCAG AAA ✓ Pass

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

# YUV 210.0160, -7.8959, -34.2170 Background



This preview shows how black text looks on a background with the YUV color 210.0160, -7.8959, -34.2170.



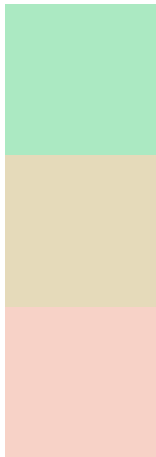
This preview shows how white text looks on a background with the YUV color 210.0160, -7.8959, -34.2170.

-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

210.0160, -7.8959, -34.2170

### Protanopia

217.6410, -15.5990, 9.9618

### Deuteranopia

219.8090, -10.2588, 23.8465



## Tritanopia

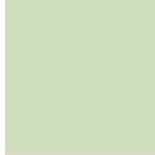
214.5970, 14.4957, -29.4646

# Trichromacy



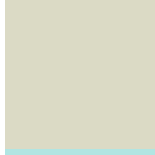
## Original Color

210.0160, -7.8959, -34.2170



## Protanomaly

214.6390, -12.6400, -5.8224



## Deuteranomaly

215.9050, -9.3202, 2.7143



## Tritanomaly

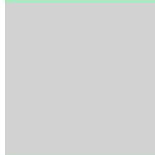
213.1100, 6.3548, -31.6685

# Monochromacy



## Original Color

210.0160, -7.8959, -34.2170



## Achromatopsia

210.0000, 0.0000, 0.0000



## Achromatomaly

209.8260, -2.8722, -12.1254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 210.0160, -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(171, 233, 194)` looks like.

```
.text, #text, p{  
    color:rgb(171, 233, 194)  
}
```

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(171, 233, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 233, 194) }
```

## Border

The CSS property to change the border of an element to YUV 210.0160, -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(171, 233, 194) }
```



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

```
.border{ border-color:rgb(171, 233, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 233, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 233, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 233, 194);  
box-shadow:4px 4px 4px 4px rgb(171, 233,  
194) }
```

# Background

The CSS property to change the background color of an element to YUV 210.0160, -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(171, 233, 194) }
```

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

```
.background{ background-color: rgb(171,  
233, 194) }
```

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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