

# Converting Colors

YUV(210.3160, 17.0992,  
-71.3141)

Have a look what the booklet for  
YUV(210.3160, 17.0992, -71.3141)  
contains.

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# Color

**YUV(210.3160, 17.0992,  
-71.3141)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81F5F5
RGB	129, 245, 245
RGB Percent	51%, 96%, 96%
CMY	0.4941, 0.0392, 0.0392
CMYK	0.47, 0.00, 0.00, 0.04
HSL	180°, 85%, 73%
HSV	180°, 47%, 96%
XYZ	58.1871, 76.5645, 98.0978
YIQ	210.3160, -69.1360, -24.5920

# Conversions

## Conversions Part 2

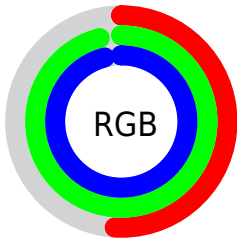
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">129, 187, 245</a>
Decimal	<a href="#">8517109</a>
CIELab	<a href="#">90.12, -32.86, -10.20</a>
CIElCh	<a href="#">90, 34.410, 197.241</a>
Yxy	<a href="#">76.5645, 0.2499, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4286707189</a> ( <a href="#">0xFF81F5F5</a> )
YUV	<a href="#">210.3160, 17.0992, -71.3141</a>
Hunter-Lab	<a href="#">87.5012, -34.4269, -5.2194</a>

# Details

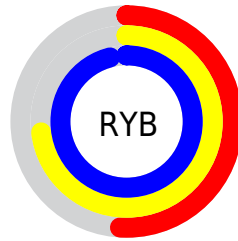
The YUV color **210.3160, 17.0992, -71.3141** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **163.6840, -17.0992, 71.3141**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2660, 9.7289, -40.5753**, and **151.6360, 18.4205, -75.1028** is the 20% darker color. If you saturate the color by 10%, you get **203.1400, 20.6370, -86.0688**, and if you desaturate by 10%, it is **217.7910, 13.4140, -55.9447**.

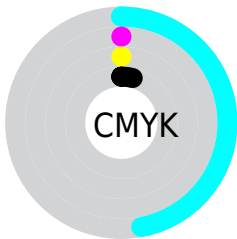
# Distribution



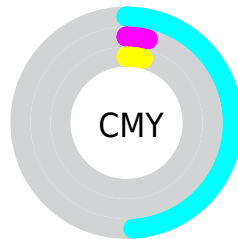
- Red (51%)
- Green (96%)
- Blue (96%)



- Red (51%)
- Yellow (73%)
- Blue (96%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (4%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 210.3160, 17.0992, -71.3141 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 210.3160, 17.0992, -71.3141 by changing the saturation by 10% instead.



210.3160, 17.0992,  
-71.3141

210.3160, 17.0992,  
-71.3141

255.0000, 0.0000,  
0.0000

181.1310, 17.6834,  
-72.0289

235.2660, 9.7289,  
-40.5753

151.6360, 18.4205,  
-75.1028

244.2360, 5.3067,  
-22.1320

119.2540, 21.0738,  
-86.1688

253.2060, 0.8844,  
-3.6887

94.1620, 20.6261,  
-82.5801

76.5230, 16.5042,  
-67.1107

59.1120, 13.2558,  
-51.8412

42.4020, 10.1548,

-37.1866

■ 26.9800, 6.9119,  
-23.6615

■ 3.5680, 8.5940,  
-3.1291

■ 210.3160, 17.0992,  
-71.3141

■ 210.3160, 17.0992,  
-71.3141

■ 203.1400, 20.6370,  
-86.0688

■ 217.7910, 13.4140,  
-55.9447

■ 195.6650, 24.3222,  
-101.4382

■ 224.9670, 9.8763,  
-41.1901

■ 188.1900, 28.0073,  
-116.8076

■ 232.4420, 6.1911,  
-25.8206

■ 181.0140, 31.5451,  
-131.5623

■ 239.6180, 2.6533,  
-11.0660

■ 173.5390, 35.2303,  
-146.9317

■ 247.0930, -1.0318,  
4.3034

■ 171.7450, 36.1147,  
-150.6204

■ 247.9900, -1.4741,  
6.1478

# Harmonies

## Analogous

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



213.9260, -1.4425, -50.8011



210.3160, 17.0992, -71.3141



210.2930, 22.0406, -69.5400

# Triad

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



210.3160, 17.0992, -71.3141



229.7590, 12.4438, 22.1364



223.9670, -30.0567, 27.2159

# Complementary

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



210.3160, 17.0992, -71.3141



163.6840, -17.0992, 71.3141

# 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.



219.4480, -19.4479, 31.1791



210.3160, 17.0992, -71.3141



223.5810, 9.0806, 27.5545

# Square

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



210.3160, 17.0992, -71.3141



223.3590, 15.5990, -9.9618



219.2320, -5.0444, 31.3685



223.2480, -29.7023, 6.7985



# Rectangle

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



210.3160, 17.0992, -71.3141



213.3380, 20.5394, -54.6704



219.2320, -5.0444, 31.3685



222.0750, -27.1520, 28.8752

# Sweetspot

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



210.3160, 17.0992, -71.3141



244.2360, 5.3067, -22.1320



197.0920, -33.5694, -59.7167



121.4220, 3.2430, -13.5251



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.



210.3160, 17.0992, -71.3141



211.6450, 21.3740, -89.1427



176.2700, 33.8839, -41.4558



118.4120, 1.7689, -7.3773



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718



# Inverse Universe

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



176.9080, 33.5694, 59.7167



169.8850, 41.9617, 74.6459



197.7300, -33.8839, 41.4558



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526

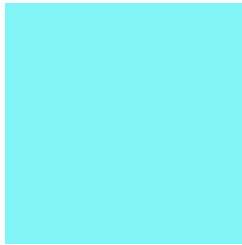


24.3670, 17.0741, 30.3731



# Previews

## White Background



This preview shows how the YUV color 210.3160, 17.0992, -71.3141 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

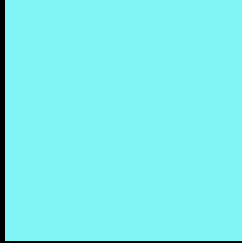
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 210.3160, 17.0992, -71.3141 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

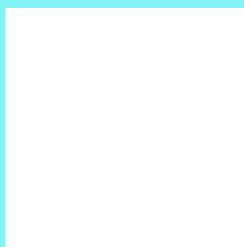
Any Text WCAG AAA ✓ Pass

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

# YUV 210.3160, 17.0992, -71.3141 Background



This preview shows how black text looks on a background with the YUV color 210.3160, 17.0992, -71.3141.



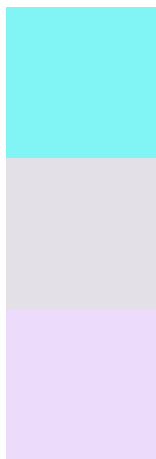
This preview shows how white text looks on a background with the YUV color 210.3160, 17.0992, -71.3141.

-71.3141.

# 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

210.3160, 17.0992, -71.3141

### Protanopia

225.8090, 3.0522, 1.0445

### Deuteranopia

227.7310, 11.4716, 7.2519



## Tritanopia

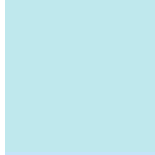
216.6050, 18.9287, -51.3966

# Trichromacy



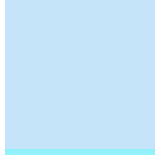
## Original Color

210.3160, 17.0992, -71.3141



## Protanomaly

220.3110, 8.2277, -25.7057



## Deuteranomaly

221.1250, 13.7424, -21.1576



## Tritanomaly

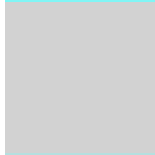
214.0340, 18.2242, -58.7888

# Monochromacy



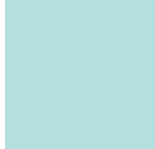
## Original Color

210.3160, 17.0992, -71.3141



## Achromatopsia

210.0000, 0.0000, 0.0000



## Achromatomaly

210.4420, 6.1911, -25.8206

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 210.3160, 17.0992, -71.3141 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(129, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(129, 245, 245)  
}
```

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(129, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 245, 245) }
```

## Border

The CSS property to change the border of an element to YUV 210.3160, 17.0992, -71.3141 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(129, 245, 245) }
```



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

```
.border{ border-color:rgb(129, 245, 245) }
```

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

Here you see how a box with a 4 pixel rgb(129, 245, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(129, 245,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 210.3160, 17.0992, -71.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 245, 245) }
```

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

```
.background{ background-color: rgb(129,  
245, 245) }
```

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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