

# Converting Colors

YUV(219.3270, -12.9792,  
-37.1208)

Have a look what the booklet for  
YUV(219.3270, -12.9792, -37.1208)  
contains.

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# Color

**YUV(219.3270, -12.9792,  
-37.1208)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1F6C1
RGB	177, 246, 193
RGB Percent	69%, 96%, 76%
CMY	0.3059, 0.0353, 0.2431
CMYK	0.28, 0.00, 0.22, 0.04
HSL	134°, 79%, 83%
HSV	134°, 28%, 96%
XYZ	60.7129, 79.1089, 62.5217
YIQ	219.3270, -24.1110, -31.1110

# Conversions

## Conversions Part 2

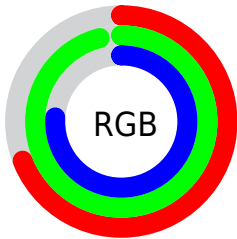
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 233, 246
Decimal	11663041
CIELab	91.28, -31.82, 18.74
CIELCh	91, 36.926, 149.507
Yxy	79.1089, 0.3000, 0.3910
Android (android.graphics.Color)	4289853121 (0xFFB1F6C1)
YUV	219.3270, -12.9792, -37.1208
Hunter-Lab	88.9432, -33.8060, 20.5829

# Details

The YUV color **219.3270, -12.9792, -37.1208** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **203.6730, 12.9792, 37.1208**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.1510, 0.9116, -12.4104**, and **163.5660, -12.1110, -35.5764** is the 20% darker color. If you saturate the color by 10%, you get **209.6860, -17.5932, -50.5906**, and if you desaturate by 10%, it is **228.9680, -8.3652, -23.6509**.

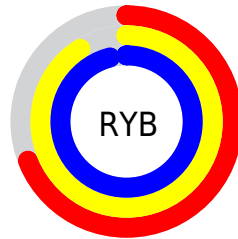
# Distribution



Red (69%)

Green (96%)

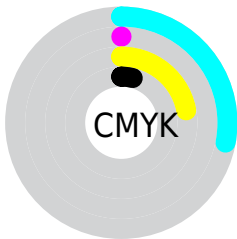
Blue (76%)



Red (69%)

Yellow (91%)

Blue (96%)

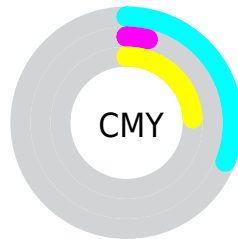


Cyan (28%)

Magenta (0%)

Yellow (22%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.3270, -12.9792, -37.1208 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 219.3270, -12.9792, -37.1208 by changing the saturation by 10% instead.



■ 219.3270,  
-12.9792, -37.1208

■ 219.3270,  
-12.9792, -37.1208

255.0000, 0.0000,  
0.0000

■ 190.8540,  
-12.2530, -36.7060

■ 248.1510, 0.9116,  
-12.4104

■ 163.5660,  
-12.1110, -35.5764

■ 136.7940,  
-11.2374, -35.7763

■ 110.9080,  
-10.8006, -35.8763

■ 85.1360, -9.9270,  
-36.0763

■ 58.9830, -7.8796,  
-39.4501

■ 38.2010, -8.4801,

-33.5023

■ 22.8930, -11.2862,  
-20.0772

■ 5.2830, -2.6045,  
-4.6332

■ 219.3270,  
-12.9792, -37.1208

■ 219.3270,  
-12.9792, -37.1208

■ 209.6860,  
-17.5932, -50.5906

■ 228.9680, -8.3652,  
-23.6509

■ 200.3440,  
-22.3546, -63.4457

■ 238.3100, -3.6038,  
-10.7959

■ 190.7030,  
-26.9686, -76.9155

■ 247.9510, 1.0102,  
2.6740

■ 181.3610,  
-31.7300, -89.7706

■ 249.7170, 2.6045,  
4.6332

■ 171.8340,  
-35.9072, -103.3404

■ 162.1930,  
-40.5211, -116.8103

■ 152.8510,  
-45.2825, -129.6653

■ 150.9000,  
-46.2927, -132.3393

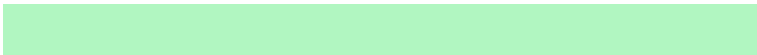
# Harmonies

## Analogous

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



224.0400, -27.6277, -5.2971



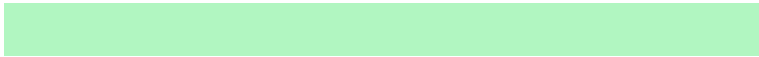
219.3270, -12.9792, -37.1208



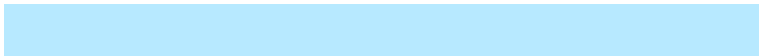
214.0040, 6.9000, -66.6555

# Triad

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



219.3270, -12.9792, -37.1208



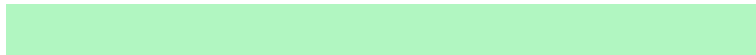
220.5580, 16.9799, -32.9384



219.6250, -11.1541, 31.0239

# Complementary

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



219.3270, -12.9792, -37.1208



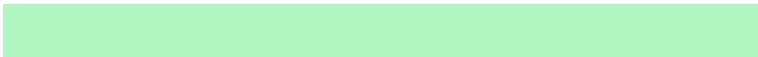
203.6730, 12.9792, 37.1208

# 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.



222.4410, 4.7126, 28.5542



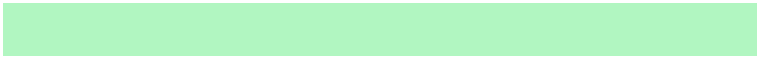
219.3270, -12.9792, -37.1208



228.7630, 12.9348, 4.5928

# Square

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



219.3270, -12.9792, -37.1208



212.3750, 21.0141, -66.9809



228.5850, 13.0226, 23.1660

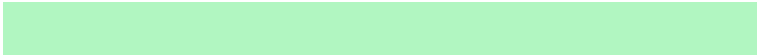


222.4170, -25.8416, 28.5753



# Rectangle

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



219.3270, -12.9792, -37.1208



211.0700, 20.1785, -78.9914



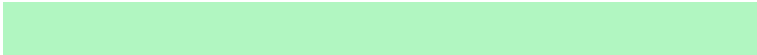
228.5850, 13.0226, 23.1660



220.2920, -6.0600, 30.4389

# Sweetspot

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



219.3270, -12.9792, -37.1208



247.1960, -4.0406, -10.6959



233.6490, -27.9280, -2.3232



122.9730, -2.4517, -6.9923



0.0000, 0.0000, 0.0000

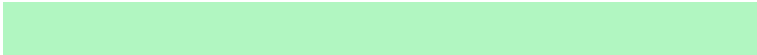


128.0000, 0.0000, 0.0000

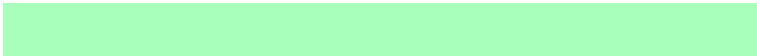


# Same Dimension

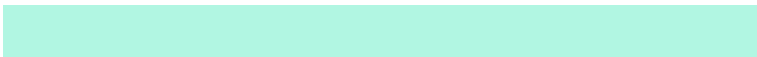
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.3270, -12.9792, -37.1208



221.3490, -16.4411, -46.7871



223.0890, 1.4351, -40.4201



117.3860, -2.1623, -6.4775



114.0840, -35.0444, -100.0517



36.2290, -10.9589, -31.7728



# Inverse Universe

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



203.6730, 12.9792, 37.1208



201.6510, 16.4411, 46.7871



199.9110, -1.4351, 40.4201



114.7280, 2.5991, 6.3775



71.9160, 35.0444, 100.0517

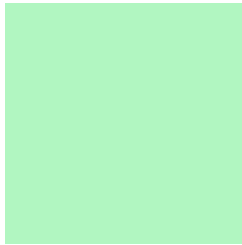


22.7710, 10.9589, 31.7728



# Previews

## White Background



This preview shows how the YUV color 219.3270, -12.9792, -37.1208 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

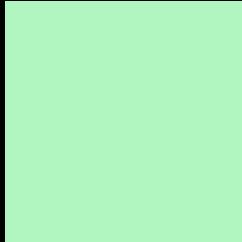
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.3270, -12.9792, -37.1208 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

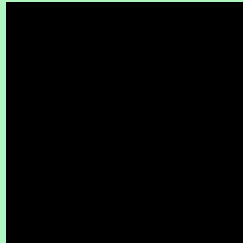
Any Text WCAG AA ✓ Pass

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 219.3270, -12.9792, -37.1208 Background



This preview shows how black text looks on a background with the YUV color 219.3270, -12.9792, -37.1208.



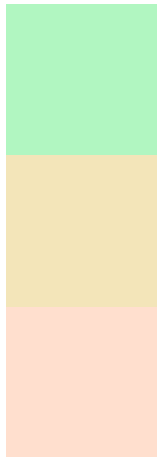
This preview shows how white text looks on a background with the YUV color 219.3270, -12.9792, -37.1208.

-37.1208.

# 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

219.3270, -12.9792, -37.1208

### Protanopia

228.1700, -21.2828, 13.0059

### Deuteranopia

230.6300, -12.1426, 21.3725



## Tritanopia

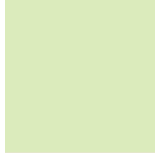
225.5970, 14.4957, -29.4646

# Trichromacy



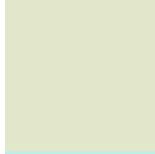
## Original Color

219.3270, -12.9792, -37.1208



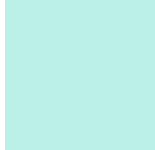
## Protanomaly

224.8580, -18.1710, -5.1375



## Deuteranomaly

226.3840, -12.5143, 0.5402



## Tritanomaly

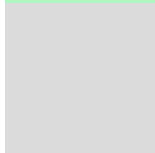
223.2410, 4.3182, -31.7834

# Monochromacy



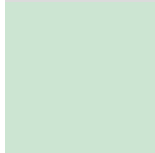
## Original Color

219.3270, -12.9792, -37.1208



## Achromatopsia

219.0000, 0.0000, 0.0000



## Achromatomaly

219.3590, -4.6140, -13.4698

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.3270, -12.9792, -37.1208 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(177, 246, 193)` looks like.

```
.text, #text, p{  
    color:rgb(177, 246, 193)  
}
```

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(177, 246, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 246, 193) }
```

## Border

The CSS property to change the border of an element to YUV 219.3270, -12.9792, -37.1208 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(177, 246, 193) }
```



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

```
.border{ border-color:rgb(177, 246, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 246, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 246, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 246, 193);  
box-shadow:4px 4px 4px 4px rgb(177, 246,  
193) }
```

# Background

The CSS property to change the background color of an element to YUV 219.3270, -12.9792, -37.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 246, 193) }
```

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

```
.background{ background-color: rgb(177,  
246, 193) }
```

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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