

# Converting Colors

YUV(215.3310, -9.0372,  
-41.5093)

Have a look what the booklet for  
YUV(215.3310, -9.0372, -41.5093)  
contains.

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# Color

**YUV(215.3310, -9.0372,  
-41.5093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8F3C5
RGB	168, 243, 197
RGB Percent	66%, 95%, 77%
CMY	0.3412, 0.0471, 0.2275
CMYK	0.31, 0.00, 0.19, 0.05
HSL	143°, 76%, 81%
HSV	143°, 31%, 95%
XYZ	58.2771, 76.4572, 64.5095
YIQ	215.3310, -29.9340, -30.2060

# Conversions

## Conversions Part 2

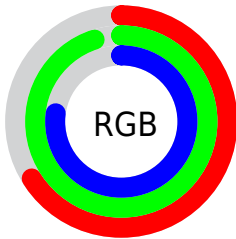
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 222, 243
Decimal	11072453
CIELab	90.07, -32.43, 14.90
CIElCh	90, 35.692, 155.319
Yxy	76.4572, 0.2925, 0.3837
Android (android.graphics.Color)	4289262533 (0xFFA8F3C5)
YUV	215.3310, -9.0372, -41.5093
Hunter-Lab	87.4398, -34.0526, 17.4661

# Details

The YUV color **215.3310, -9.0372, -41.5093** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **195.6690, 9.0372, 41.5093**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.9160, 3.9854, -18.3433**, and **159.5700, -8.1690, -39.9649** is the 20% darker color. If you saturate the color by 10%, you get **206.4450, -12.0514, -54.7643**, and if you desaturate by 10%, it is **224.2170, -6.0230, -28.2543**.

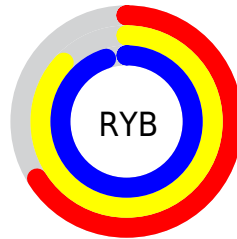
# Distribution



Red (66%)

Green (95%)

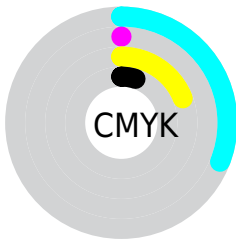
Blue (77%)



Red (66%)

Yellow (87%)

Blue (95%)

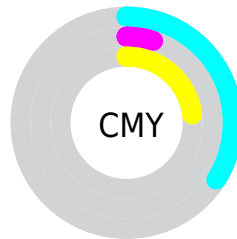


Cyan (31%)

Magenta (0%)

Yellow (19%)

Black (5%)



Cyan (34%)

Magenta (5%)


Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 215.3310, -9.0372, -41.5093 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 215.3310, -9.0372, -41.5093 by changing the saturation by 10% instead.




 215.3310, -9.0372,  
-41.5093


 215.3310, -9.0372,  
-41.5093

255.0000, 0.0000,  
0.0000

 187.1570, -8.4584,  
-40.4797


 245.9160, 3.9854,  
-18.3433


 159.5700, -8.1690,  
-39.9649

 254.7010, 0.1474,  
-0.6148

 132.6840, -7.7322,  
-40.0649

 106.9120, -6.8586,  
-40.2648

 80.5420, -5.6902,  
-41.6943

 53.3780, -3.6374,  
-46.8125

 37.4830, -6.1541,

-32.8726

■ 21.7190, -10.7075,  
-19.0476

■ 0.0000, 0.0000,  
0.0000

■ 215.3310, -9.0372,  
-41.5093

■ 215.3310, -9.0372,  
-41.5093

■ 206.4450,  
-12.0514, -54.7643

■ 224.2170, -6.0230,  
-28.2543

■ 197.2600,  
-14.9182, -68.6340

■ 233.4020, -3.1562,  
-14.3846

■ 188.3740,  
-17.9324, -81.8890

■ 242.2880, -0.1420,  
-1.1296

■ 179.4880,  
-20.9466, -95.1440

■ 247.9560, 3.4727,  
6.1776

■ 170.3030,  
-23.8134, -109.0137

■ 161.5310,  
-26.3908, -122.3687

■ 153.3570,  
-29.2630, -134.4941

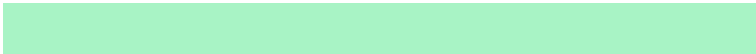
# Harmonies

## Analogous

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



220.1040, -24.7013, -10.6152



215.3310, -9.0372, -41.5093



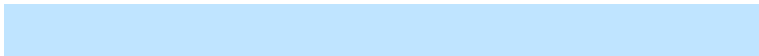
210.6170, 10.5418, -68.0701

# Triad

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



215.3310, -9.0372, -41.5093



220.0150, 17.2476, -25.4462



218.1260, -14.3591, 32.3385

# Complementary

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



215.3310, -9.0372, -41.5093



195.6690, 9.0372, 41.5093

# 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.



219.5400, 1.2128, 31.0984



215.3310, -9.0372, -41.5093



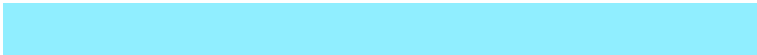
227.3230, 13.6448, 10.2407

# Square

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



215.3310, -9.0372, -41.5093



211.8320, 21.2818, -59.4887



225.6500, 14.4696, 25.7400

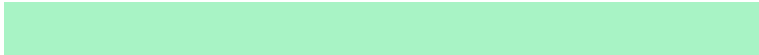


221.2600, -27.7362, 29.5900



# Rectangle

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



215.3310, -9.0372, -41.5093



208.7650, 22.7939, -77.8469



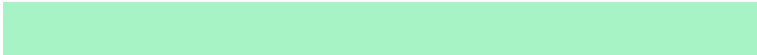
225.6500, 14.4696, 25.7400



218.0920, -9.4124, 32.3683

# Sweetspot

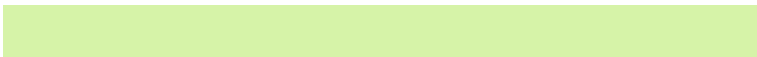
The Sweet Spot groups the original color and five complimentary colors.



215.3310, -9.0372, -41.5093



246.5270, -2.7248, -12.7402



225.7790, -28.4850, -10.3302



122.4890, -1.7201, -8.3219



0.0000, 0.0000, 0.0000

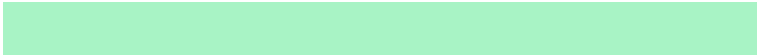


128.0000, 0.0000, 0.0000

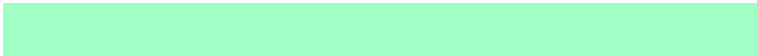


# Same Dimension

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



215.3310, -9.0372, -41.5093



220.2820, -11.4780, -51.9903



219.5490, 7.1243, -45.2085



117.6140, -1.2887, -6.6775



117.3900, -22.3773, -102.9510



37.2550, -7.0277, -32.6726



# Inverse Universe

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



195.6690, 9.0372, 41.5093



195.7180, 11.4780, 51.9903



191.4510, -7.1243, 45.2085



114.5000, 1.7255, 6.5775



68.6100, 22.3773, 102.9510

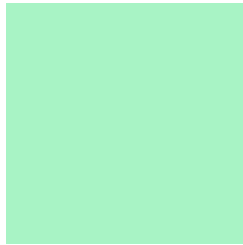


21.7450, 7.0277, 32.6726



# Previews

## White Background



This preview shows how the YUV color 215.3310, -9.0372, -41.5093 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

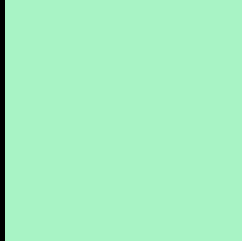
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 215.3310, -9.0372, -41.5093 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

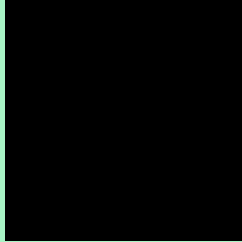
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 215.3310, -9.0372, -41.5093

## Background



This preview shows how black text looks on a background with the YUV color 215.3310, -9.0372, -41.5093.



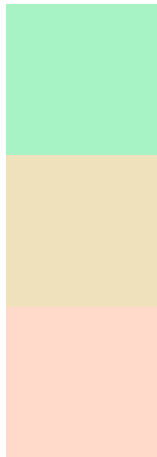
This preview shows how white text looks on a background with the YUV color 215.3310, -9.0372, -41.5093.

-41.5093.

# 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

215.3310, -9.0372, -41.5093

### Protanopia

224.6690, -18.0778, 11.6913

### Deuteranopia

227.3530, -12.0060, 24.2464



## Tritanopia

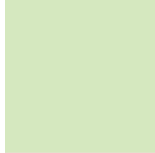
220.7210, 16.4065, -35.7123

# Trichromacy



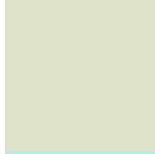
## Original Color

215.3310, -9.0372, -41.5093



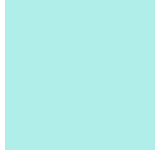
## Protanomaly

221.6450, -15.1080, -7.5817



## Deuteranomaly

222.8400, -10.7671, 0.1403



## Tritanomaly

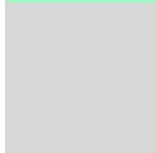
218.8920, 6.9552, -37.6163

# Monochromacy



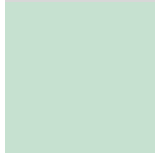
## Original Color

215.3310, -9.0372, -41.5093



## Achromatopsia

215.0000, 0.0000, 0.0000



## Achromatomaly

214.9890, -3.4456, -14.8994

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 215.3310, -9.0372, -41.5093 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(168, 243, 197)` looks like.

```
.text, #text, p{  
    color:rgb(168, 243, 197)  
}
```

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(168, 243, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 243, 197) }
```

## Border

The CSS property to change the border of an element to YUV 215.3310, -9.0372, -41.5093 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(168, 243, 197) }
```



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

```
.border{ border-color:rgb(168, 243, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 243, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 243, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 243, 197);  
box-shadow:4px 4px 4px 4px rgb(168, 243,  
197) }
```

# Background

The CSS property to change the background color of an element to YUV 215.3310, -9.0372, -41.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 243, 197) }
```

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

```
.background{ background-color: rgb(168,  
243, 197) }
```

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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