

# Converting Colors

YUV(214.9010, -6.8532,  
-42.0092)

Have a look what the booklet for  
YUV(214.9010, -6.8532, -42.0092)  
contains.

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# Color

**YUV(214.9010, -6.8532,  
-42.0092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7F2C9
RGB	167, 242, 201
RGB Percent	65%, 95%, 79%
CMY	0.3451, 0.0510, 0.2118
CMYK	0.31, 0.00, 0.17, 0.05
HSL	147°, 74%, 80%
HSV	147°, 31%, 95%
XYZ	58.2311, 75.9368, 66.8465
YIQ	214.9010, -31.5390, -28.6510

# Conversions

## Conversions Part 2

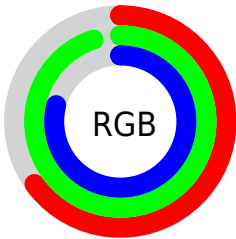
Format	Color
<b>RYB</b>	167, 219, 242
Decimal	11006665
CIELab	89.83, -31.50, 12.48
CIELCh	90, 33.886, 158.383
Yxy	75.9368, 0.2897, 0.3778
Android (android.graphics.Color)	4289196745 (0xFFA7F2C9)
YUV	214.9010, -6.8532, -42.0092
Hunter-Lab	87.1417, -33.2182, 15.5178

# Details

The YUV color **214.9010, -6.8532, -42.0092** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **194.0990, 6.8532, 42.0092**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, 4.5696, -19.0581**, and **159.7270, -6.2744, -40.9796** is the 20% darker color. If you saturate the color by 10%, you get **206.2430, -8.9938, -55.4641**, and if you desaturate by 10%, it is **223.5590, -4.7126, -28.5542**.

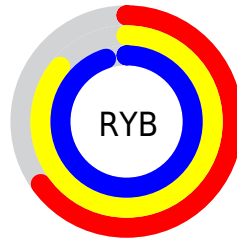
# Distribution



Red (65%)

Green (95%)

Blue (79%)



Red (65%)

Yellow (86%)

Blue (95%)

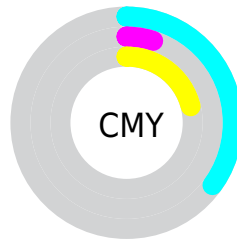


Cyan (31%)

Magenta (0%)

Yellow (17%)

Black (5%)



Cyan (35%)

Magenta (5%)


Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 214.9010, -6.8532, -42.0092 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 214.9010, -6.8532, -42.0092 by changing the saturation by 10% instead.




 214.9010, -6.8532,  
-42.0092


 214.9010, -6.8532,  
-42.0092

255.0000, 0.0000,  
0.0000

 186.7270, -6.2744,  
-40.9796


 245.7310, 4.5696,  
-19.0581


 159.7270, -6.2744,  
-40.9796

 254.4020, 0.2948,  
-1.2296

 132.2540, -5.5482,  
-40.5648

 106.3680, -5.1114,  
-40.6647

 80.1120, -3.5062,  
-42.1942

 53.8340, -1.8902,  
-47.2124

 37.3520, -4.1175,

-32.7577

■ 22.1750, -8.9603,  
-19.4475

■ 0.0000, 0.0000,  
0.0000

■ 214.9010, -6.8532,  
-42.0092

■ 214.9010, -6.8532,  
-42.0092

■ 206.2430, -8.9938,  
-55.4641

■ 223.5590, -4.7126,  
-28.5542

■ 197.5850,  
-11.1344, -68.9190

■ 232.2170, -2.5720,  
-15.0993

■ 188.5140,  
-13.5644, -82.8888

■ 241.2880, -0.1420,  
-1.1296

■ 179.8560,  
-15.7050, -96.3437

■ 247.2550, 3.3253,  
6.7924

■ 171.1980,  
-17.8456, -109.7986

■ 247.3690, 3.7621,  
6.6924

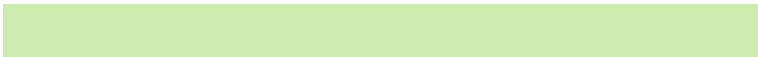
■ 162.5400,  
-19.9862, -123.2536

■ 154.5940,  
-21.9848, -135.5789

# Harmonies

## Analogous

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



219.3640, -22.3645, -13.4742



214.9010, -6.8532, -42.0092



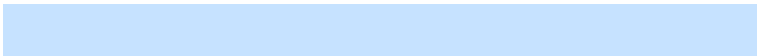
210.5680, 11.5520, -65.3961

# Triad

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



214.9010, -6.8532, -42.0092



220.9340, 16.7945, -20.1131



218.4850, -15.5221, 32.0237

# Complementary

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



214.9010, -6.8532, -42.0092



194.0990, 6.8532, 42.0092

# 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.



219.6710, -0.8238, 30.9835



214.9010, -6.8532, -42.0092



227.0460, 13.7813, 13.1147

# Square

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



214.9010, -6.8532, -42.0092



213.3490, 20.5339, -52.9261



225.0800, 12.2856, 26.2398

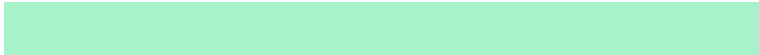


221.9610, -27.5888, 28.9752



# Rectangle

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



214.9010, -6.8532, -42.0092



209.6840, 22.3408, -72.5139



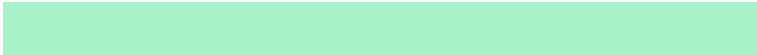
225.0800, 12.2856, 26.2398



218.4510, -10.5753, 32.0535

# Sweetspot

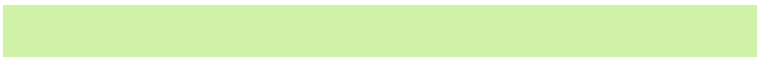
The Sweet Spot groups the original color and five complimentary colors.



214.9010, -6.8532, -42.0092



246.6410, -2.2880, -12.8402



223.2840, -27.7480, -13.4041



122.6030, -1.2833, -8.4218



0.0000, 0.0000, 0.0000

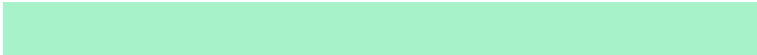


128.0000, 0.0000, 0.0000

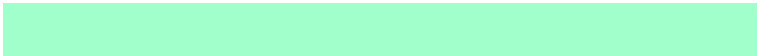


# Same Dimension

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



214.9010, -6.8532, -42.0092



220.9660, -8.8572, -52.5902



219.1190, 9.3083, -45.7084



115.6140, -1.2887, -6.6775



117.4700, -16.9937, -103.0212



35.7220, -5.2859, -31.3282



# Inverse Universe

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



194.0990, 6.8532, 42.0092



194.9200, 8.4204, 52.6902



189.8810, -9.3083, 45.7084



112.2720, 0.8519, 6.7775



66.4160, 16.5569, 103.1212

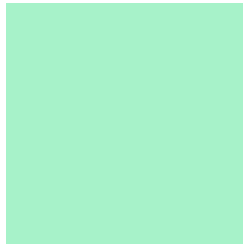


20.2780, 5.2859, 31.3282



# Previews

## White Background



This preview shows how the YUV color 214.9010, -6.8532, -42.0092 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 214.9010, -6.8532, -42.0092 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

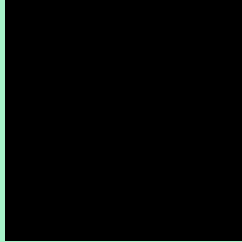
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 214.9010, -6.8532, -42.0092

## Background



This preview shows how black text looks on a background with the YUV color 214.9010, -6.8532, -42.0092.



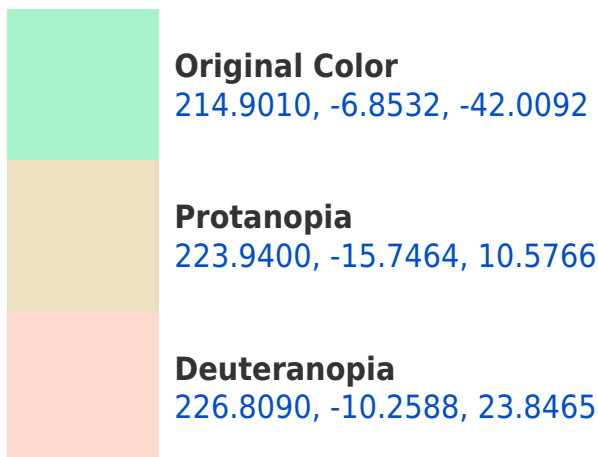
This preview shows how white text looks on a background with the YUV color 214.9010, -6.8532, -42.0092.

-42.0092.

# 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





## Tritanopia

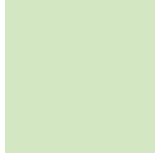
220.0090, 16.2646, -36.8419

# Trichromacy



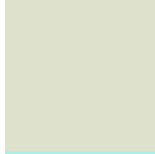
## Original Color

214.9010, -6.8532, -42.0092



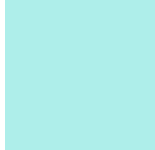
## Protanomaly

220.9160, -12.7766, -8.6963



## Deuteranomaly

222.2960, -9.0199, -0.2596



## Tritanomaly

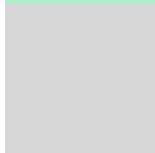
218.4080, 7.6869, -38.9458

# Monochromacy



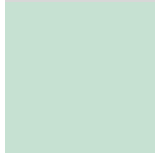
## Original Color

214.9010, -6.8532, -42.0092



## Achromatopsia

215.0000, 0.0000, 0.0000



## Achromatomaly

215.2170, -2.5720, -15.0993

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.9010, -6.8532, -42.0092 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(167, 242, 201)` looks like.

```
.text, #text, p{  
    color:rgb(167, 242, 201)  
}
```

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(167, 242, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 242, 201) }
```

## Border

The CSS property to change the border of an element to YUV 214.9010, -6.8532, -42.0092 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(167, 242, 201) }
```



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

```
.border{ border-color:rgb(167, 242, 201) }
```

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

Here you see how a box with a 4 pixel rgb(167, 242, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 242, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 242, 201);  
box-shadow:4px 4px 4px 4px rgb(167, 242,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 214.9010, -6.8532, -42.0092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 242, 201) }
```

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

```
.background{ background-color: rgb(167,  
242, 201) }
```

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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