

# Converting Colors

YUV(216.0840, -1.0274,  
-43.9237)

Have a look what the booklet for  
YUV(216.0840, -1.0274, -43.9237)  
contains.

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# Color

**YUV(216.0840, -1.0274,  
-43.9237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6F2D6
RGB	166, 242, 214
RGB Percent	65%, 95%, 84%
CMY	0.3490, 0.0510, 0.1608
CMYK	0.31, 0.00, 0.12, 0.05
HSL	158°, 75%, 80%
HSV	158°, 31%, 95%
XYZ	59.6156, 76.4663, 75.2357
YIQ	216.0840, -36.3080, -24.8200

# Conversions

## Conversions Part 2

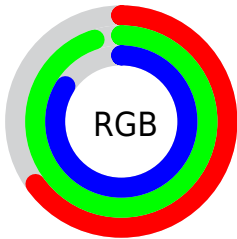
Format	Color
<a href="#">RYB</a>	<a href="#">166, 213, 242</a>
Decimal	<a href="#">10941142</a>
CIELab	<a href="#">90.08, -29.22, 6.07</a>
CIElCh	<a href="#">90, 29.846, 168.258</a>
Yxy	<a href="#">76.4663, 0.2821, 0.3619</a>
Android (android.graphics.Color)	<a href="#">4289131222 (0xFFA6F2D6)</a>
YUV	<a href="#">216.0840, -1.0274, -43.9237</a>
Hunter-Lab	<a href="#">87.4450, -31.3364, 10.1997</a>

# Details

The YUV color **216.0840, -1.0274, -43.9237** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **191.9160, 1.0274, 43.9237**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4320, 4.7170, -19.6729**, and **160.4970, -0.7380, -43.4089** is the 20% darker color. If you saturate the color by 10%, you get **207.8820, -1.4208, -57.7785**, and if you desaturate by 10%, it is **224.2860, -0.6340, -30.0688**.

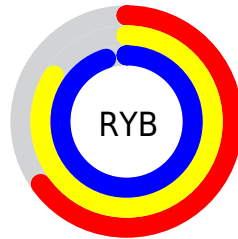
# Distribution



Red (65%)

Green (95%)

Blue (84%)



Red (65%)

Yellow (84%)

Blue (95%)

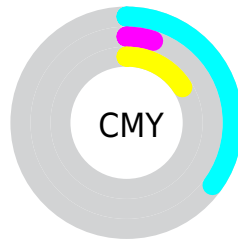


Cyan (31%)

Magenta (0%)

Yellow (12%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.0840, -1.0274, -43.9237 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 216.0840, -1.0274, -43.9237 by changing the saturation by 10% instead.




 216.0840, -1.0274,  
-43.9237


 216.0840, -1.0274,  
-43.9237

255.0000, 0.0000,  
0.0000


 187.4970, -0.7380,  
-43.4089


 245.4320, 4.7170,  
-19.6729


 160.4970, -0.7380,  
-43.4089

 254.1030, 0.4422,  
-1.8443

 133.3230, -0.1592,  
-42.3793

 107.1380, 0.4250,  
-43.0940

 80.4690, 1.7408,  
-45.1383

 55.0880, 2.9146,  
-48.3122

 38.4920, 0.2504,

-33.7575

■ 23.7710, -2.8451,  
-20.8472

■ 0.5870, -0.2894,  
-0.5148

■ 216.0840, -1.0274,  
-43.9237

■ 216.0840, -1.0274,  
-43.9237

■ 207.8820, -1.4208,  
-57.7785

■ 224.2860, -0.6340,  
-30.0688

■ 199.6800, -1.8142,  
-71.6334

■ 232.4880, -0.2406,  
-16.2140

■ 191.1790, -2.0602,  
-86.1030

■ 240.9890, 0.0054,  
-1.7444

■ 182.9770, -2.4537,  
-99.9578

■ 246.7990, 1.5781,  
7.1923

■ 174.7750, -2.8471,  
-113.8127

■ 247.3690, 3.7621,  
6.6924

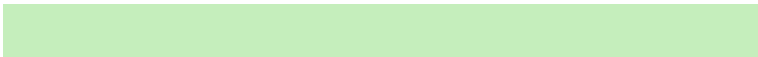
■ 166.6870, -2.8037,  
-127.7675

■ 159.4960, -3.2025,  
-139.8780

# Harmonies

## Analogous

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



220.0410, -15.7962, -20.2070



216.0840, -1.0274, -43.9237



213.9970, 14.2985, -59.6334

# Triad

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



216.0840, -1.0274, -43.9237



224.5550, 15.0094, -7.5027



221.7790, -18.1320, 29.1348

# Complementary

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



216.0840, -1.0274, -43.9237



191.9160, 1.0274, 43.9237

# 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.



221.1070, -5.4758, 29.7242



216.0840, -1.0274, -43.9237



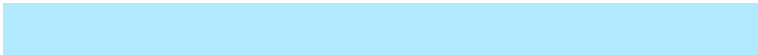
230.0360, 12.3073, 19.2624

# Square

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



216.0840, -1.0274, -43.9237



218.7640, 17.8643, -36.6270



225.0000, 6.9020, 26.3100



225.4660, -26.8517, 25.9013

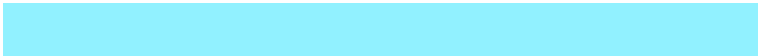


# Rectangle

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



216.0840, -1.0274, -43.9237



213.8920, 20.2662, -60.4183



225.0000, 6.9020, 26.3100



221.5170, -14.0589, 29.3646

# Sweetspot

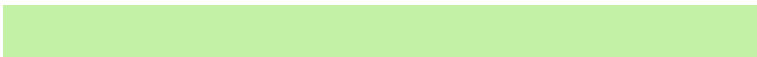
The Sweet Spot groups the original color and five complimentary colors.



216.0840, -1.0274, -43.9237



247.2110, -0.1040, -13.3400



219.2830, -26.2685, -21.2962



122.8310, -0.4097, -8.6218



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

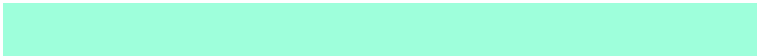


# Same Dimension

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



216.0840, -1.0274, -43.9237



221.8930, -1.4262, -56.0342



213.9930, 13.8075, -42.0899



115.8420, -0.4151, -6.8774



121.2320, -2.5794, -106.3205



36.8620, -0.9180, -32.3280



# Inverse Universe

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



191.9160, 1.0274, 43.9237



191.1070, 1.4262, 56.0342



194.0070, -13.8075, 42.0899



112.0440, -0.0217, 6.9774



62.7680, 2.5794, 106.3205

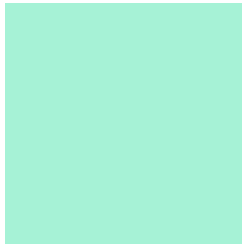


19.1380, 0.9180, 32.3280



# Previews

## White Background



This preview shows how the YUV color 216.0840, -1.0274, -43.9237 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

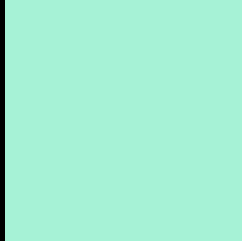
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 216.0840, -1.0274, -43.9237 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

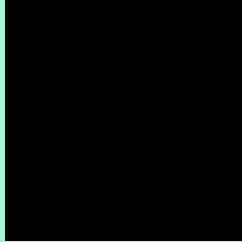
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 216.0840, -1.0274, -43.9237

## Background



This preview shows how black text looks on a background with the YUV color 216.0840, -1.0274, -43.9237.



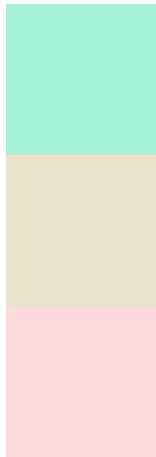
This preview shows how white text looks on a background with the YUV color 216.0840, -1.0274, -43.9237.

-43.9237.

# 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

216.0840, -1.0274, -43.9237

### Protanopia

225.7100, -10.2100, 8.1473

### Deuteranopia

227.6820, -4.2802, 19.5729



## Tritanopia

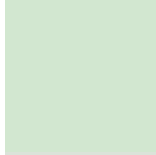
219.9270, 17.2910, -39.4010

# Trichromacy



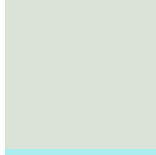
## Original Color

216.0840, -1.0274, -43.9237



## Protanomaly

222.0990, -6.9508, -10.6108



## Deuteranomaly

223.4680, -3.1887, -3.9184



## Tritanomaly

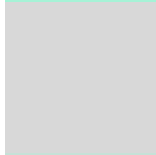
218.4940, 10.6025, -40.7752

# Monochromacy



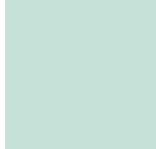
## Original Color

216.0840, -1.0274, -43.9237



## Achromatopsia

216.0000, 0.0000, 0.0000



## Achromatomaly

215.7870, -0.3880, -15.5992

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.0840, -1.0274, -43.9237 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(166, 242, 214)` looks like.

```
.text, #text, p{  
    color:rgb(166, 242, 214)  
}
```

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(166, 242, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 242, 214) }
```

## Border

The CSS property to change the border of an element to YUV 216.0840, -1.0274, -43.9237 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(166, 242, 214) }
```



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

```
.border{ border-color:rgb(166, 242, 214) }
```

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

Here you see how a box with a 4 pixel rgb(166, 242, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 242, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 242, 214);  
box-shadow:4px 4px 4px 4px rgb(166, 242,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 216.0840, -1.0274, -43.9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 242, 214) }
```

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

```
.background{ background-color: rgb(166,  
242, 214) }
```

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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