

# Converting Colors

YUV(201.9990, -5.4225,  
-34.2021)

Have a look what the booklet for  
YUV(201.9990, -5.4225, -34.2021)  
contains.

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# Color

**YUV(201.9990, -5.4225,  
-34.2021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3E0BF
RGB	163, 224, 191
RGB Percent	64%, 88%, 75%
CMY	0.3608, 0.1216, 0.2510
CMYK	0.27, 0.00, 0.15, 0.12
HSL	148°, 50%, 76%
HSV	148°, 27%, 88%
XYZ	51.1639, 64.8594, 59.1127
YIQ	201.9990, -25.7630, -23.1950

# Conversions

## Conversions Part 2

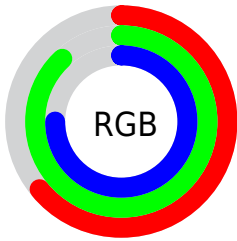
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 205, 224
Decimal	10739903
CIELab	84.41, -26.07, 9.97
CIELCh	84, 27.912, 159.079
Yxy	64.8594, 0.2921, 0.3703
Android (android.graphics.Color)	4288929983 (0xFFA3E0BF)
YUV	201.9990, -5.4225, -34.2021
Hunter-Lab	80.5354, -27.5363, 12.8561

# Details

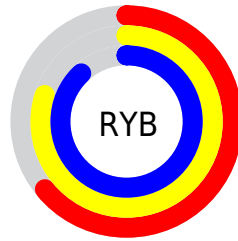
The YUV color  $201.9990, -5.4225, -34.2021$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $185.0010, 5.4225, 34.2021$ , and the grayscale version is  $202.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.3240, 1.8123, -21.3321$ , and  $147.8250, -4.8437, -33.1725$  is the 20% darker color. If you saturate the color by 10%, you get  $194.0530, -7.4211, -46.5275$ , and if you desaturate by 10%, it is  $209.9450, -3.4239, -21.8768$ .

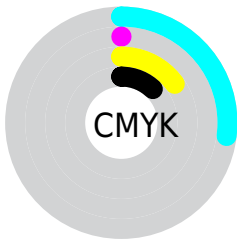
# Distribution



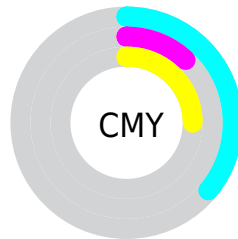
- Red (64%)
- Green (88%)
- Blue (75%)



- Red (64%)
- Yellow (80%)
- Blue (88%)



- Cyan (27%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)




- Cyan (36%)
- Magenta (12%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 201.9990, -5.4225, -34.2021 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 201.9990, -5.4225, -34.2021 by changing the saturation by 10% instead.




 201.9990, -5.4225,  
-34.2021

 201.9990, -5.4225,  
-34.2021

255.0000, 0.0000,  
0.0000


 174.4120, -5.1331,  
-33.6873


 243.3240, 1.8123,  
-21.3321


 147.8250, -4.8437,  
-33.1725

 252.9070, 1.0318,  
-4.3034

 121.2380, -4.5543,  
-32.6577

 95.7650, -3.8281,  
-32.2429

 70.5800, -3.2439,  
-32.9577

 44.7150, -1.3385,  
-37.4611

 28.3360, -3.1236,

-24.8507

■ 14.0880, -6.9454,  
-12.3552

■ 0.0000, 0.0000,  
0.0000

■ 201.9990, -5.4225,  
-34.2021

■ 201.9990, -5.4225,  
-34.2021

■ 194.0530, -7.4211,  
-46.5275

■ 209.9450, -3.4239,  
-21.8768

■ 185.8080, -9.2723,  
-59.4676

■ 218.1900, -1.5727,  
-8.9366

■ 177.8620,  
-11.2710, -71.7930

■ 226.1360, 0.4260,  
3.3887

■ 169.6170,  
-13.1222, -84.7331

■ 234.3810, 2.2772,  
16.3289

■ 161.5570,  
-15.5576, -96.9585

■ 236.4610, 7.6607,  
16.2587

■ 153.6110,  
-17.5562, -109.2838

■ 236.8030, 8.9711,  
15.9588

■ 145.3660,  
-19.4074, -122.2240

■ 143.2300,  
-19.8334, -125.6127

# Harmonies

## Analogous

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



205.5260, -18.0073, -10.9853



201.9990, -5.4225, -34.2021



199.3740, 9.1826, -52.0710

# Triad

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



201.9990, -5.4225, -34.2021



209.1500, 22.6041, -16.7945



211.1160, -15.8332, 38.4863

# Complementary

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



201.9990, -5.4225, -34.2021



185.0010, 5.4225, 34.2021

# 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.



212.0910, -4.4819, 37.6312



201.9990, -5.4225, -34.2021



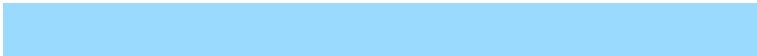
213.9900, 18.7389, 9.6558

# Square

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



201.9990, -5.4225, -34.2021



203.3810, 25.4482, -42.4301



215.1470, 7.3225, 31.4431



211.4820, -24.3946, 31.1493



# Rectangle

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



201.9990, -5.4225, -34.2021



198.9310, 17.7820, -56.9445



215.1470, 7.3225, 31.4431



210.7400, -12.1968, 38.8160

# Sweetspot

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



201.9990, -5.4225, -34.2021



247.7660, -1.8566, -11.1958



208.9730, -22.6647, -10.5003



123.3150, -1.1413, -7.2923



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

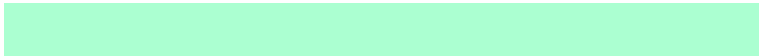


# Same Dimension

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



201.9990, -5.4225, -34.2021



224.6400, -7.7105, -47.0423



205.4190, 7.6814, -37.2015



108.0270, -0.9993, -6.1627



112.5460, -15.5522, -98.7028



30.6840, -4.2812, -26.9099



# Inverse Universe

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



185.0010, 5.4225, 34.2021



201.2460, 7.2737, 47.1423



181.5810, -7.6814, 37.2015



104.9730, 0.9993, 6.1627



63.4540, 15.5522, 98.7028

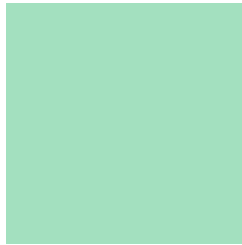


17.3160, 4.2812, 26.9099



# Previews

## White Background



This preview shows how the YUV color 201.9990, -5.4225, -34.2021 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 201.9990, -5.4225, -34.2021 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

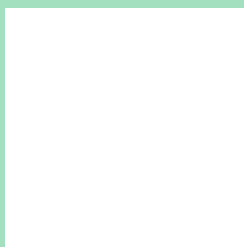
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 201.9990, -5.4225, -34.2021

## Background



This preview shows how black text looks on a background with the YUV color 201.9990, -5.4225, -34.2021.



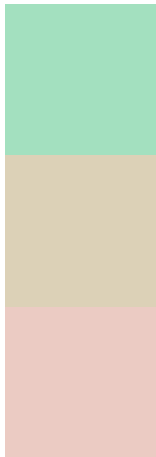
This preview shows how white text looks on a background with the YUV color 201.9990, -5.4225, -34.2021.



# 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

201.9990, -5.4225, -34.2021

### Protanopia

209.3250, -12.9782, 9.3620

### Deuteranopia

211.6560, -8.2114, 20.4727



## Tritanopia

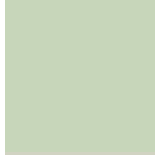
206.1840, 14.2063, -29.9794

# Trichromacy



## Original Color

201.9990, -5.4225, -34.2021



## Protanomaly

206.3230, -10.0192, -6.4223



## Deuteranomaly

208.4640, -7.1308, 0.4701



## Tritanomaly

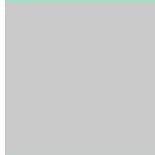
204.6370, 7.0810, -31.2536

# Monochromacy



## Original Color

201.9990, -5.4225, -34.2021



## Achromatopsia

202.0000, 0.0000, 0.0000



## Achromatomaly

202.0540, -1.9986, -12.3254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 201.9990, -5.4225, -34.2021 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(163, 224, 191)` looks like.

```
.text, #text, p{  
    color:rgb(163, 224, 191)  
}
```

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(163, 224, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 224, 191) }
```

## Border

The CSS property to change the border of an element to YUV 201.9990, -5.4225, -34.2021 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(163, 224, 191) }
```



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

```
.border{ border-color:rgb(163, 224, 191) }
```

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

Here you see how a box with a 4 pixel rgb(163, 224, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 224, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 224, 191);  
box-shadow:4px 4px 4px 4px rgb(163, 224,  
191) }
```

# Background

The CSS property to change the background color of an element to YUV 201.9990, -5.4225, -34.2021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 224, 191) }
```

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

```
.background{ background-color: rgb(163,  
224, 191) }
```

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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