

# Converting Colors

YUV(224.9220, -1.9335,  
-33.2576)

Have a look what the booklet for  
YUV(224.9220, -1.9335, -33.2576)  
contains.

<b>YUV(224.9220, -1.9335, -33.2576)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(224.9220, -1.9335,  
-33.2576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBF5DD
RGB	187, 245, 221
RGB Percent	73%, 96%, 87%
CMY	0.2667, 0.0392, 0.1333
CMYK	0.24, 0.00, 0.10, 0.04
HSL	155°, 74%, 85%
HSV	155°, 24%, 96%
XYZ	66.1971, 81.0901, 80.5696
YIQ	224.9220, -26.8640, -19.7600

# Conversions

## Conversions Part 2

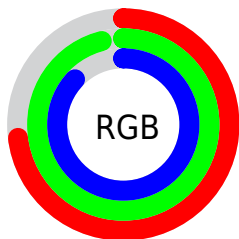
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 224, 245
Decimal	12318173
CIELab	92.17, -23.05, 5.61
CIELCh	92, 23.725, 166.335
Yxy	81.0901, 0.2905, 0.3559
Android (android.graphics.Color)	4290508253 (0xFFBBF5DD)
YUV	224.9220, -1.9335, -33.2576
Hunter-Lab	90.0500, -26.3696, 9.9870

# Details

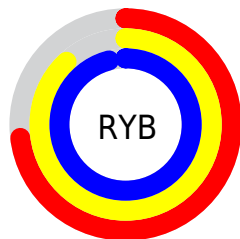
The YUV color  $224.9220, -1.9335, -33.2576$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $207.0780, 1.9335, 33.2576$ , and the grayscale version is  $225.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.7110, 1.6215, -6.7625$ , and  $169.6340, -1.7916, -32.1280$  is the 20% darker color. If you saturate the color by 10%, you get  $216.6060, -2.7638, -47.0125$ , and if you desaturate by 10%, it is  $233.2380, -1.1033, -19.5027$ .

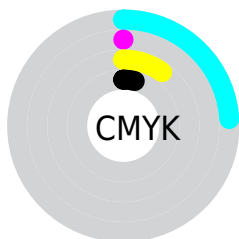
# Distribution



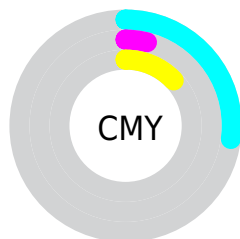
- Red (73%)
- Green (96%)
- Blue (87%)



- Red (73%)
- Yellow (88%)
- Blue (96%)



- Cyan (24%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (27%)
- Magenta (4%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 224.9220, -1.9335, -33.2576 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 224.9220, -1.9335, -33.2576 by changing the saturation by 10% instead.




 224.9220, -1.9335,  
-33.2576


 224.9220, -1.9335,  
-33.2576

255.0000, 0.0000,  
0.0000


 196.3350, -1.6442,  
-32.7428


 251.7110, 1.6215,  
-6.7625

 169.6340, -1.7916,  
-32.1280

 142.1610, -1.0654,  
-31.7132

 116.4600, -1.2128,  
-31.0984

 90.9870, -0.4866,  
-30.6836

 66.6880, -0.3392,  
-31.2984

 41.1220, 1.4189,

-35.1870

■ 25.6290, -0.8031,  
-22.4766

■ 8.2180, -4.0515,  
-7.2072

■ 224.9220, -1.9335,  
-33.2576

■ 224.9220, -1.9335,  
-33.2576

■ 216.6060, -2.7638,  
-47.0125

■ 233.2380, -1.1033,  
-19.5027

■ 207.9910, -3.4466,  
-61.3821

■ 241.8530, -0.4205,  
-5.1331

■ 199.6750, -4.2768,  
-75.1370

■ 248.6740, 1.1467,  
5.5479

■ 190.9460, -5.3964,  
-89.4066

■ 249.1300, 2.8939,  
5.1480

■ 182.3310, -6.0792,  
-103.7763

■ 174.0150, -6.9094,  
-117.5312

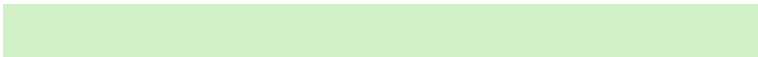
■ 165.4000, -7.5922,  
-131.9008

■ 160.2310, -8.0019,  
-140.5226

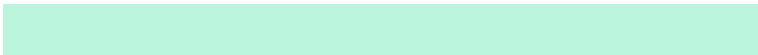
# Harmonies

## Analogous

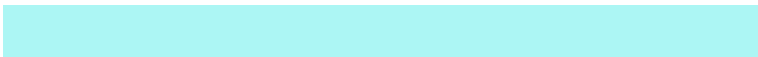
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.4700, -13.0497, -14.4442



224.9220, -1.9335, -33.2576



223.6460, 10.0345, -45.2935

# Triad

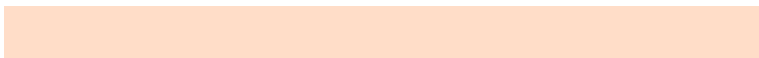
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.9220, -1.9335, -33.2576



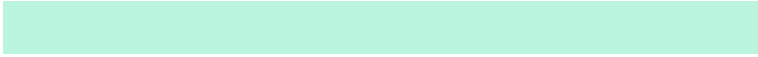
230.7570, 11.9518, -6.8029



228.7720, -14.1846, 23.0020

# Complementary

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



224.9220, -1.9335, -33.2576



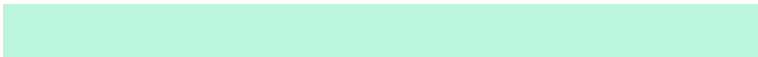
207.0780, 1.9335, 33.2576

# 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.



228.8180, -3.8543, 22.9616



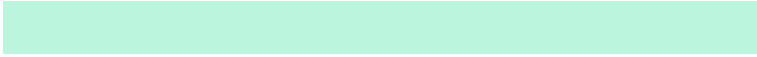
224.9220, -1.9335, -33.2576



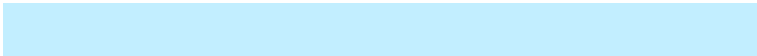
235.3190, 9.7027, 14.6292

# Square

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



224.9220, -1.9335, -33.2576



226.7820, 13.9115, -28.7498



232.0270, 5.9027, 20.1473

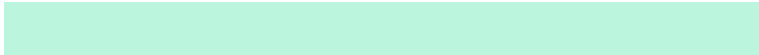


231.0400, -20.7257, 21.0129

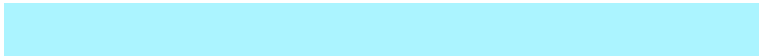


# Rectangle

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



224.9220, -1.9335, -33.2576



223.4270, 15.5655, -45.9785



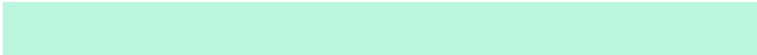
232.0270, 5.9027, 20.1473



228.3960, -10.5482, 23.3317

# Sweetspot

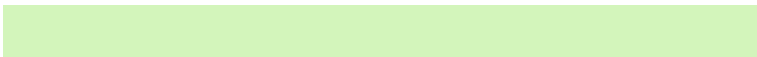
The Sweet Spot groups the original color and five complimentary colors.



224.9220, -1.9335, -33.2576



248.8200, -0.4043, -10.3661



228.2220, -20.3224, -15.1037



124.1410, -0.5625, -6.2627



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

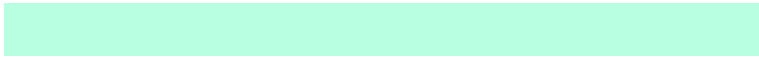


# Same Dimension

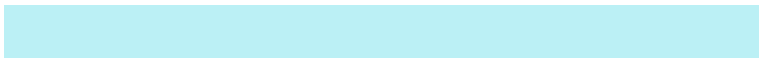
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.9220, -1.9335, -33.2576



230.3510, -2.6380, -40.6498



224.7230, 9.9966, -33.0831



117.8420, -0.4151, -6.8774



121.6080, -6.2157, -106.6502



38.5090, -2.2229, -33.7724



# Inverse Universe

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



207.0780, 1.9335, 33.2576



208.5350, 2.2012, 40.7498



207.2770, -9.9966, 33.0831



114.1580, 0.4151, 6.8774



64.3920, 6.2157, 106.6502

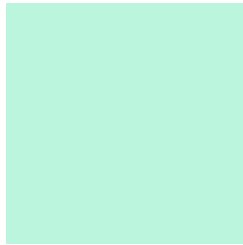


20.3770, 1.7861, 33.8724



# Previews

## White Background



This preview shows how the YUV color 224.9220, -1.9335, -33.2576 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

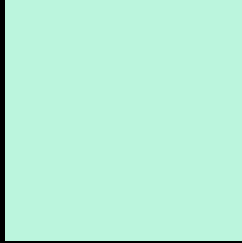
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.9220, -1.9335, -33.2576 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

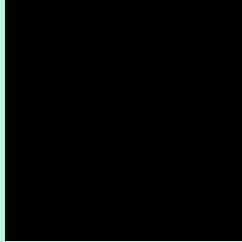
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

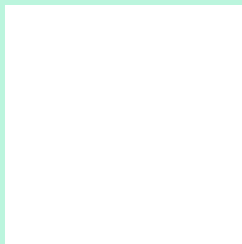
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 224.9220, -1.9335, -33.2576

## Background



This preview shows how black text looks on a background with the YUV color 224.9220, -1.9335, -33.2576.



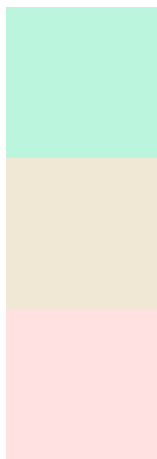
This preview shows how white text looks on a background with the YUV color 224.9220, -1.9335, -33.2576.

-33.2576.

# 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

224.9220, -1.9335, -33.2576

### Protanopia

231.6390, -9.1890, 7.3326

### Deuteranopia

234.0840, -3.9854, 18.3433



## **Tritanopia**

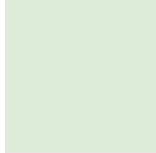
228.5760, 13.0270, -25.0612

# Trichromacy



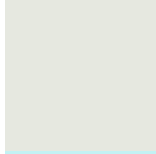
## Original Color

224.9220, -1.9335, -33.2576



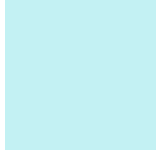
## Protanomaly

229.2350, -6.5249, -7.2221



## Deuteranomaly

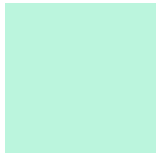
230.4900, -3.1996, -0.4297



## Tritanomaly

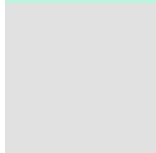
227.4740, 7.6543, -28.4797

# Monochromacy



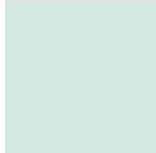
## Original Color

224.9220, -1.9335, -33.2576



## Achromatopsia

225.0000, 0.0000, 0.0000



## Achromatomaly

224.8090, -0.3988, -12.1105

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.9220, -1.9335, -33.2576 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(187, 245, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 245, 221)  
}
```

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(187, 245, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 245, 221) }
```

## Border

The CSS property to change the border of an element to YUV 224.9220, -1.9335, -33.2576 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(187, 245, 221) }
```



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

```
.border{ border-color:rgb(187, 245, 221) }
```

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

Here you see how a box with a 4 pixel rgb(187, 245, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 245, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 245, 221);  
box-shadow:4px 4px 4px 4px rgb(187, 245,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 224.9220, -1.9335, -33.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 245, 221) }
```

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

```
.background{ background-color: rgb(187,  
245, 221) }
```

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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