

# Converting Colors

YUV(221.0460, -20.2357,  
-43.0133)

Have a look what the booklet for  
YUV(221.0460, -20.2357, -43.0133)  
contains.

<b>YUV(221.0460, -20.2357, -43.0133)</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(221.0460, -20.2357,  
-43.0133)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACFEB4
RGB	172, 254, 180
RGB Percent	67%, 100%, 71%
CMY	0.3255, 0.0039, 0.2941
CMYK	0.32, 0.00, 0.29, 0.00
HSL	126°, 98%, 84%
HSV	126°, 32%, 100%
XYZ	60.6933, 82.9496, 55.9920
YIQ	221.0460, -25.1180, -40.3980

# Conversions

## Conversions Part 2

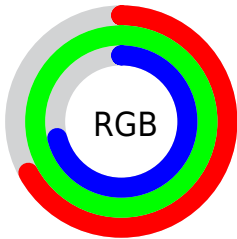
Format	Color
<a href="#">RYB</a>	<a href="#">172, 247, 254</a>
Decimal	<a href="#">11337396</a>
CIELab	<a href="#">92.99, -39.23, 27.68</a>
CIELCh	<a href="#">93, 48.016, 144.790</a>
Yxy	<a href="#">82.9496, 0.3040, 0.4155</a>
Android (android.graphics.Color)	<a href="#">4289527476 (0xFFACFEB4)</a>
YUV	<a href="#">221.0460, -20.2357, -43.0133</a>
Hunter-Lab	<a href="#">91.0767, -40.4321, 27.3034</a>

# Details

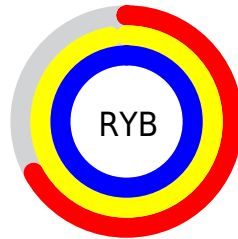
The YUV color **221.0460, -20.2357, -43.0133** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **204.9540, 20.2357, 43.0133**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0600, -4.4666, -14.0846**, and **165.1000, -18.7833, -42.1837** is the 20% darker color. If you saturate the color by 10%, you get **210.9490, -26.5969, -56.0833**, and if you desaturate by 10%, it is **231.1430, -13.8745, -29.9434**.

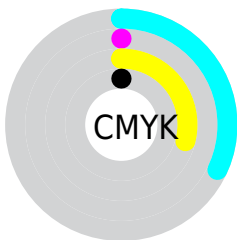
# Distribution



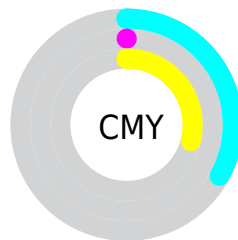
- Red (67%)
- Green (100%)
- Blue (71%)



- Red (67%)
- Yellow (97%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.0460, -20.2357, -43.0133 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 221.0460, -20.2357, -43.0133 by changing the saturation by 10% instead.



■ 221.0460,  
-20.2357, -43.0133

■ 221.0460,  
-20.2357, -43.0133

255.0000, 0.0000,  
0.0000

■ 192.5730,  
-19.5095, -42.5985

■ 245.0600, -4.4666,  
-14.0846

■ 165.1000,  
-18.7833, -42.1837

■ 137.6270,  
-18.0571, -41.7689

■ 110.6700,  
-16.5993, -42.6836

■ 84.0010, -15.2835,  
-44.7279

■ 56.8370, -13.2306,  
-49.8460

■ 40.1270, -16.3316,

-35.1914

■ 25.8280, -12.7332,  
-22.6512

■ 10.5660, -5.2090,  
-9.2664

■ 221.0460,  
-20.2357, -43.0133

■ 221.0460,  
-20.2357, -43.0133

■ 210.9490,  
-26.5969, -56.0833

■ 231.1430,  
-13.8745, -29.9434

■ 200.5530,  
-32.8106, -69.7680

■ 241.5390, -7.6607,  
-16.2587

■ 190.4560,  
-39.1718, -82.8379

■ 251.6360, -1.2995,  
-3.1888

■ 180.0600,  
-45.3856, -96.5226

254.4130, 0.2894,  
0.5148

■ 169.9630,  
-51.7468, -109.5926

■ 159.8660,  
-58.1079, -122.6625

■ 151.9480,  
-62.5854, -133.2584

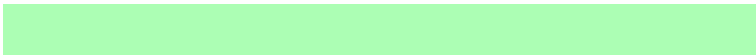
# Harmonies

## Analogous

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



227.7880, -38.8425, -1.5681



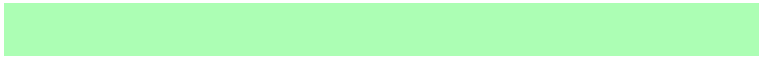
221.0460, -20.2357, -43.0133



208.2250, 8.2701, -86.1433

# Triad

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



221.0460, -20.2357, -43.0133



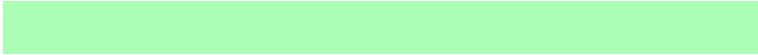
216.8710, 18.7976, -56.0149



216.8040, -9.2704, 33.4979

# Complementary

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



221.0460, -20.2357, -43.0133



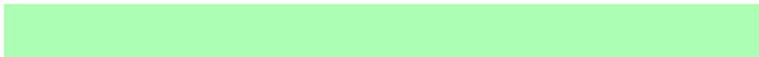
204.9540, 20.2357, 43.0133

# 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.



221.5750, 11.5485, 29.3137



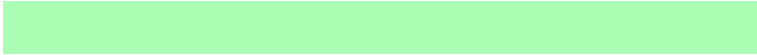
221.0460, -20.2357, -43.0133



230.2030, 12.2249, -1.0550

# Square

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



221.0460, -20.2357, -43.0133



198.2120, 27.9965, -113.3189



227.9980, 13.3120, 23.6808

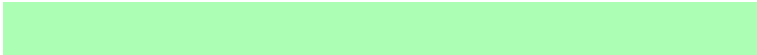


219.6300, -28.9046, 31.0195



# Rectangle

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



221.0460, -20.2357, -43.0133



197.5920, 28.3021, -118.0372



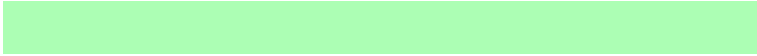
227.9980, 13.3120, 23.6808



217.3400, -2.1396, 33.0278

# Sweetspot

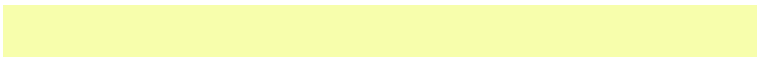
The Sweet Spot groups the original color and five complimentary colors.



221.0460, -20.2357, -43.0133



244.9030, -6.3612, -13.0699



242.5590, -34.7856, 3.8948



121.6200, -3.7567, -8.4367



0.0000, 0.0000, 0.0000

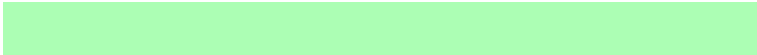


128.0000, 0.0000, 0.0000

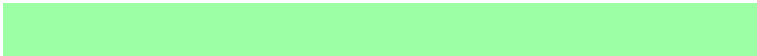


# Same Dimension

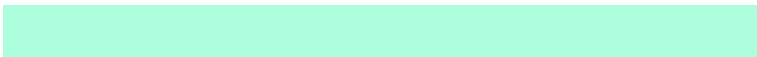
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.0460, -20.2357, -43.0133



215.1390, -24.7185, -51.8649



225.6060, -2.7638, -47.0125



122.7450, -3.3253, -6.7924



114.2830, -46.9745, -100.2262



38.2520, -15.9002, -33.5470



# Inverse Universe

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



204.9540, 20.2357, 43.0133



195.7470, 24.2817, 51.9649



200.3940, 2.7638, 47.0125



120.1410, 2.8885, 6.8923



76.8310, 47.4113, 100.1262

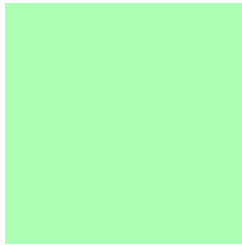


25.7480, 15.9002, 33.5470



# Previews

## White Background



This preview shows how the YUV color 221.0460, -20.2357, -43.0133 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 221.0460, -20.2357, -43.0133 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

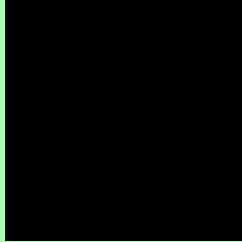
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

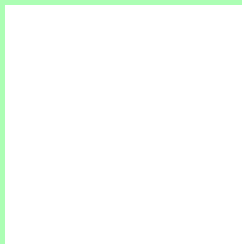
Any Text WCAG AAA ✓ Pass

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

# YUV 221.0460, -20.2357, -43.0133 Background



This preview shows how black text looks on a background with the YUV color 221.0460, -20.2357, -43.0133.



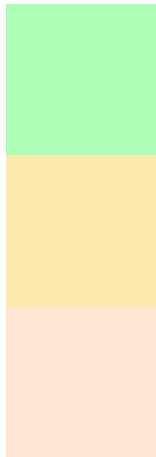
This preview shows how white text looks on a background with the YUV color 221.0460, -20.2357, -43.0133.

-43.0133.

# 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

221.0460, -20.2357, -43.0133

### Protanopia

231.9010, -30.0242, 16.7498

### Deuteranopia

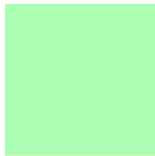
234.7220, -11.6949, 17.7838



## Tritanopia

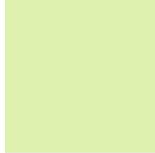
230.9350, 11.8640, -25.3760

# Trichromacy



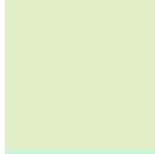
## Original Color

221.0460, -20.2357, -43.0133



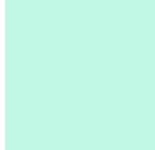
## Protanomaly

227.6810, -26.4647, -4.9822



## Deuteranomaly

229.7810, -14.6820, -4.1929



## Tritanomaly

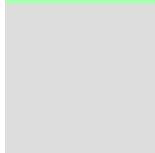
227.5030, 0.2450, -32.0131

# Monochromacy



## Original Color

221.0460, -20.2357, -43.0133



## Achromatopsia

221.0000, 0.0000, 0.0000



## Achromatomaly

220.9520, -7.3713, -15.7439

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.0460, -20.2357, -43.0133 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(172, 254, 180)` looks like.

```
.text, #text, p{  
    color:rgb(172, 254, 180)  
}
```

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(172, 254, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 254, 180) }
```

## Border

The CSS property to change the border of an element to YUV 221.0460, -20.2357, -43.0133 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(172, 254, 180) }
```



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

```
.border{ border-color:rgb(172, 254, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 254, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 254, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 254, 180);  
box-shadow:4px 4px 4px 4px rgb(172, 254,  
180) }
```

# Background

The CSS property to change the background color of an element to YUV 221.0460, -20.2357, -43.0133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 254, 180) }
```

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

```
.background{ background-color: rgb(172,  
254, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor