

Converting Colors

YUV(220.9820, 13.8129,
-43.8342)

Have a look what the booklet for
YUV(220.9820, 13.8129, -43.8342)
contains.

YUV(220.9820, 13.8129, -43.8342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(220.9820, 13.8129,
-43.8342)**

Conversions

Conversions Part 1	
Format	Color
Hex	ABF1F9
RGB	171, 241, 249
RGB Percent	67%, 95%, 98%
CMY	0.3294, 0.0549, 0.0235
CMYK	0.31, 0.03, 0.00, 0.02
HSL	186°, 87%, 82%
HSV	186°, 31%, 98%
XYZ	65.3488, 78.4081, 101.3126
YIQ	220.9820, -44.2880, -12.3520

Conversions

Conversions Part 2

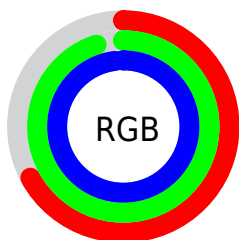
Format	Color
RYB	171, 208, 249
Decimal	11268601
CIELab	90.97, -19.76, -10.83
CIELCh	91, 22.530, 208.728
Yxy	78.4081, 0.2667, 0.3199
Android (android.graphics.Color)	4289458681 (0xFFABF1F9)
YUV	220.9820, 13.8129, -43.8342
Hunter-Lab	88.5483, -23.2264, -5.8528

Details

The YUV color **220.9820, 13.8129, -43.8342** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **199.0180, -13.8129, 43.8342**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9270, 3.9800, -16.5990**, and **165.2810, 13.6655, -43.2194** is the 20% darker color. If you saturate the color by 10%, you get **211.7460, 18.3662, -57.6592**, and if you desaturate by 10%, it is **230.2180, 9.2595, -30.0092**.

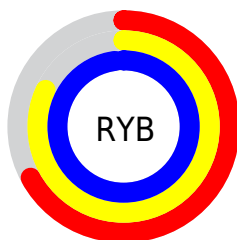
Distribution



Red (67%)

Green (95%)

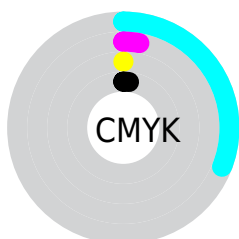
Blue (98%)



Red (67%)

Yellow (82%)

Blue (98%)

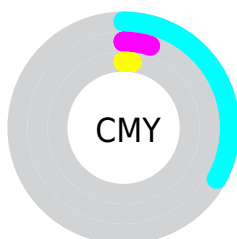


Cyan (31%)

Magenta (3%)

Yellow (0%)

Black (2%)



Cyan (33%)


Magenta (5%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 220.9820, 13.8129, -43.8342 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 220.9820, 13.8129, -43.8342 by changing the saturation by 10% instead.


 220.9820, 13.8129,
-43.8342


 220.9820, 13.8129,
-43.8342


255.0000, 0.0000,
0.0000


 192.8680, 13.3761,
-43.7342


 246.9270, 3.9800,
-16.5990

 165.2810, 13.6655,
-43.2194

 137.8680, 13.3761,
-43.7342

 111.5690, 13.5235,
-44.3490

 84.4870, 14.5499,
-46.9081

 58.2800, 15.1450,
-51.1116

 41.5700, 12.0440,

-36.4569

■ 26.7350, 8.5116,
-23.4466

■ 7.4320, 8.1680,
-6.5179

■ 220.9820, 13.8129,
-43.8342

■ 220.9820, 13.8129,
-43.8342

■ 211.7460, 18.3662,
-57.6592

■ 230.2180, 9.2595,
-30.0092

■ 203.0970, 22.6302,
-71.9991

■ 238.8670, 4.9956,
-15.6694

■ 193.8610, 27.1835,
-85.8241

■ 248.1030, 0.4422,
-1.8443

■ 185.2120, 31.4475,
-100.1639

■ 251.9680, -1.4632,
2.6591

176.2750, 35.8534,
-113.3742

253.7290, -2.3314,
1.1147

167.6260, 40.1174,
-127.7140

254.3160, -2.6208,
0.5999

159.2870, 44.2285,
-139.6947

Harmonies

Analogous

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



221.4530, 2.7347, -37.2313



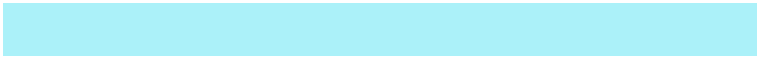
220.9820, 13.8129, -43.8342



222.0090, 16.2646, -36.8419

Triad

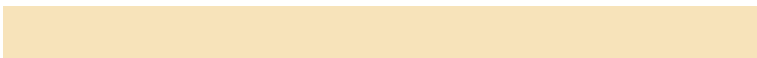
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.9820, 13.8129, -43.8342



232.3520, 9.6865, 19.8623



228.3060, -20.8569, 16.3946

Complementary

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



220.9820, 13.8129, -43.8342



199.0180, -13.8129, 43.8342

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.



227.3870, -16.9528, 24.2166



220.9820, 13.8129, -43.8342



228.1970, 1.3819, 23.5062

Square

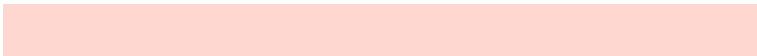
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.9820, 13.8129, -43.8342



229.9260, 12.3615, 1.8189



226.2760, -8.5171, 25.1909



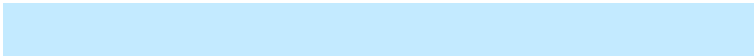
225.8090, -17.1608, -2.4635

Rectangle

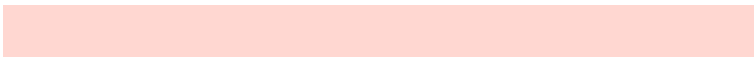
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.9820, 13.8129, -43.8342



224.7330, 14.9216, -26.0758



226.2760, -8.5171, 25.1909



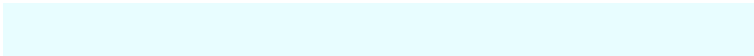
229.3390, -20.8731, 21.6277

Sweetspot

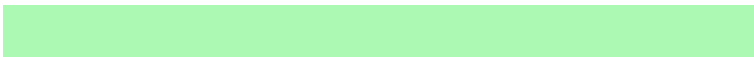
The Sweet Spot groups the original color and five complimentary colors.



220.9820, 13.8129, -43.8342



246.9490, 3.9691, -13.1103



217.6980, -19.0781, -40.9541



122.3410, 2.7899, -8.1921



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.



220.9820, 13.8129, -43.8342



220.1270, 17.1924, -54.4854



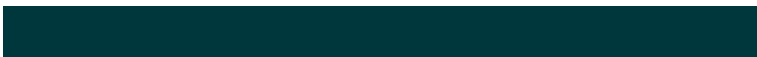
198.0890, 25.0991, -23.7571



120.5260, 2.2057, -7.4773



120.7490, 33.6477, -105.8969



39.2390, 10.7282, -34.4126

Inverse Universe

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



202.3020, 19.0781, 40.9541



196.9210, 23.7029, 50.9353



221.9110, -25.0991, 23.7571



117.2550, 3.3253, 6.7924



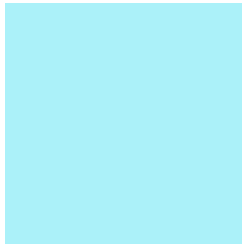
75.7770, 45.9589, 99.2966



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 220.9820, 13.8129, -43.8342 looks on a white background.

Color Contrast Check

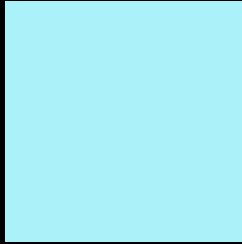
Large Text (above 18pt) WCAG AA × Fail

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 220.9820, 13.8129, -43.8342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

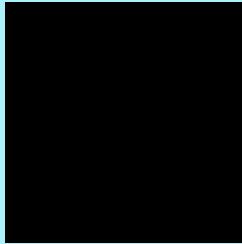
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.9820, 13.8129, -43.8342

Background



This preview shows how black text looks on a background with the YUV color 220.9820, 13.8129, -43.8342.

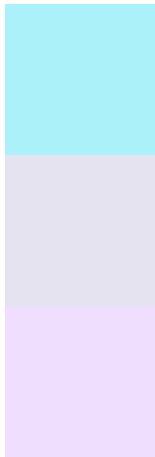


This preview shows how white text looks on a background with the YUV color 220.9820, 13.8129, -43.8342.

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

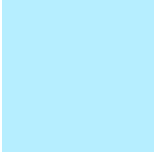
220.9820, 13.8129, -43.8342

Protanopia

229.0800, 5.3836, -0.0702

Deuteranopia

230.6170, 11.0348, 7.3519

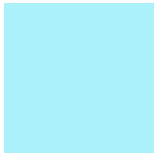
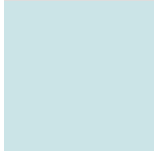


Tritanopia
223.1940, 15.6804, -36.1271

Trichromacy

	Original Color 220.9820, 13.8129, -43.8342
	Protanomaly 226.0780, 8.3425, -15.8544
	Deuteranomaly 227.1370, 12.2575, -11.5211
	Tritanomaly 222.3570, 15.1070, -38.9011

Monochromacy

	Original Color 220.9820, 13.8129, -43.8342
	Achromatopsia 221.0000, 0.0000, 0.0000
	Achromatomaly 220.8670, 4.9956, -15.6694

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.9820, 13.8129, -43.8342 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(171, 241, 249)` looks like.

```
.text, #text, p{  
    color:rgb(171, 241, 249)  
}
```

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(171, 241, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 241, 249) }
```

Border

The CSS property to change the border of an element to YUV 220.9820, 13.8129, -43.8342 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(171, 241, 249) }
```


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

```
.border{ border-color:rgb(171, 241, 249) }
```

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

Here you see how a box with a 4 pixel rgb(171, 241, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 241, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 241, 249);  
box-shadow:4px 4px 4px 4px rgb(171, 241,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 220.9820, 13.8129, -43.8342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 241, 249) }
```

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

```
.background{ background-color: rgb(171,  
241, 249) }
```

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