

Converting Colors

YUV(222.5040, -8.1365,
-50.4310)

Have a look what the booklet for
YUV(222.5040, -8.1365, -50.4310)
contains.

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Color

**YUV(222.5040, -8.1365,
-50.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	A5FFCE
RGB	165, 255, 206
RGB Percent	65%, 100%, 81%
CMY	0.3529, 0.0000, 0.1922
CMYK	0.35, 0.00, 0.19, 0.00
HSL	147°, 100%, 82%
HSV	147°, 35%, 100%
XYZ	62.4176, 83.9756, 71.3117
YIQ	222.5040, -37.9110, -34.3190

Conversions

Conversions Part 2

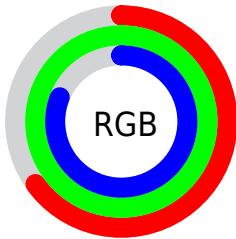
Format	Color
RYB	165, 227, 255
Decimal	10878926
CIELab	93.44, -37.12, 15.00
CIELCh	93, 40.038, 157.992
Yxy	83.9756, 0.2867, 0.3857
Android (android.graphics.Color)	4289069006 (0xFFA5FFCE)
YUV	222.5040, -8.1365, -50.4310
Hunter-Lab	91.6382, -38.7849, 18.0080

Details

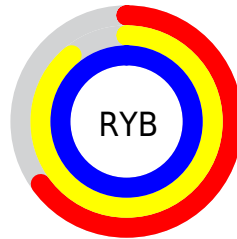
The YUV color **222.5040, -8.1365, -50.4310** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **197.4960, 8.1365, 50.4310**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, 4.8644, -20.2876**, and **166.1450, -6.9735, -50.1162** is the 20% darker color. If you saturate the color by 10%, you get **213.4330, -10.5665, -64.4007**, and if you desaturate by 10%, it is **231.8740, -5.8539, -35.8465**.

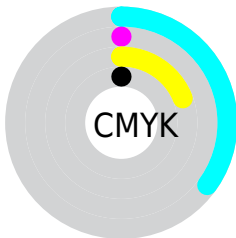
Distribution



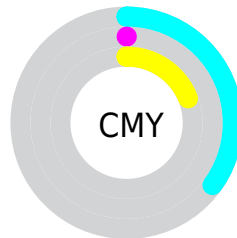
- Red (65%)
- Green (100%)
- Blue (81%)



- Red (65%)
- Yellow (89%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.5040, -8.1365, -50.4310 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 222.5040, -8.1365, -50.4310 by changing the saturation by 10% instead.

 222.5040, -8.1365,
-50.4310


 222.5040, -8.1365,
-50.4310

255.0000, 0.0000,
0.0000


 193.9170, -7.8471,
-49.9162


 245.1330, 4.8644,
-20.2876


 166.1450, -6.9735,
-50.1162

 254.1030, 0.4422,
-1.8443

 138.6720, -6.2473,
-49.7013

 111.6010, -5.2263,
-50.5161

 83.4370, -3.1734,
-55.6342

 60.1600, -3.0369,
-52.7603

 43.5640, -5.7011,

-38.2056

■ 27.5550, -8.6546,
-24.1657

■ 11.7400, -5.7878,
-10.2960

■ 222.5040, -8.1365,
-50.4310

■ 222.5040, -8.1365,
-50.4310

■ 213.4330,
-10.5665, -64.4007

■ 231.8740, -5.8539,
-35.8465

■ 204.0630,
-12.8491, -78.9853

■ 240.9450, -3.4239,
-21.8768

■ 194.9920,
-15.2791, -92.9550

■ 250.3150, -1.1413,
-7.2923

■ 185.6220,
-17.5616, -107.5395

■ 255.0000, 0.0000,
0.0000

■ 176.6650,
-19.5548, -121.6092

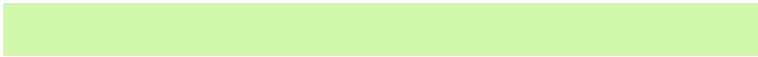
■ 167.2950,
-21.8374, -136.1937

■ 162.9090,
-23.1261, -142.8712

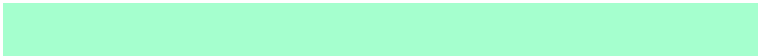
Harmonies

Analogous

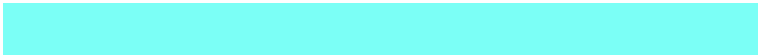
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.2020, -26.7216, -15.9632



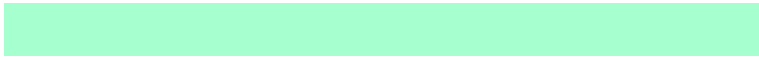
222.5040, -8.1365, -50.4310



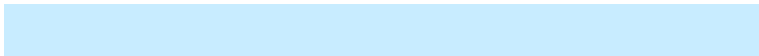
214.5060, 15.5265, -80.2508

Triad

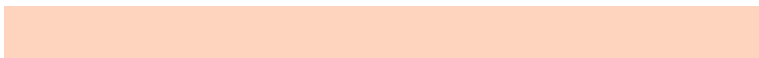
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.5040, -8.1365, -50.4310



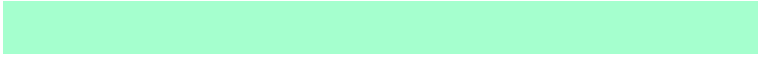
227.4020, 13.6058, -24.0316



222.3490, -15.9481, 28.6349

Complementary

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



222.5040, -8.1365, -50.4310



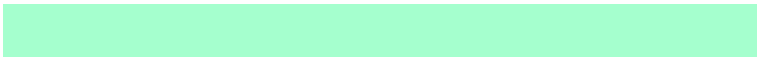
197.4960, 8.1365, 50.4310

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.



223.6320, 1.6604, 27.5097



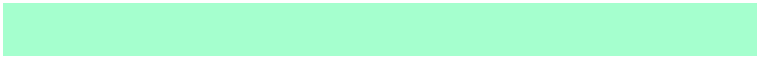
222.5040, -8.1365, -50.4310



236.2160, 9.2605, 16.4736

Square

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



222.5040, -8.1365, -50.4310



217.4030, 18.5353, -65.2514



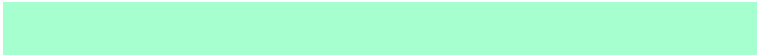
229.1720, 12.7332, 22.6512



226.5430, -30.3407, 24.9568

Rectangle

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



222.5040, -8.1365, -50.4310



211.0470, 21.6688, -90.3722



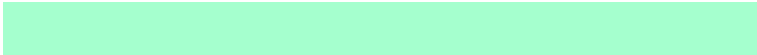
229.1720, 12.7332, 22.6512



222.5430, -10.1277, 28.4648

Sweetspot

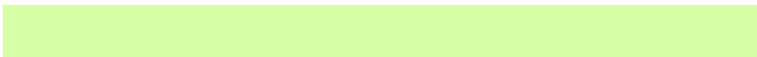
The Sweet Spot groups the original color and five complimentary colors.



222.5040, -8.1365, -50.4310



244.9180, -2.4246, -15.7141



232.7800, -33.4155, -15.5931



121.7770, -1.8621, -9.4514



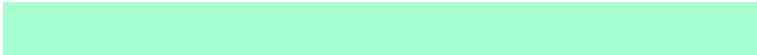
0.0000, 0.0000, 0.0000



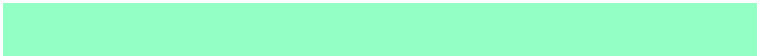
128.0000, 0.0000, 0.0000

Same Dimension

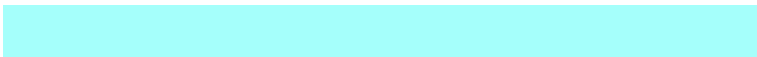
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.5040, -8.1365, -50.4310



216.3950, -9.5617, -59.9824



227.6340, 11.5194, -54.9300



123.3150, -1.1413, -7.2923



122.0350, -17.2723, -107.0247



40.8740, -5.8539, -35.8465

Inverse Universe

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



197.4960, 8.1365, 50.4310



186.6050, 9.5617, 59.9824



192.4800, -11.0826, 54.8300



119.6850, 1.1413, 7.2923



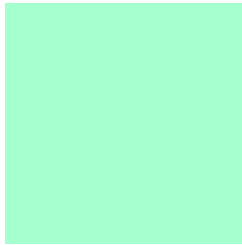
68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 222.5040, -8.1365, -50.4310 looks on a white background.

Color Contrast Check

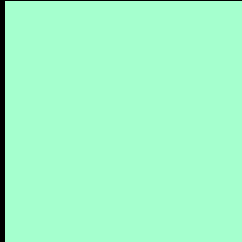
Large Text (above 18pt) WCAG AA × Fail

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 222.5040, -8.1365, -50.4310 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 222.5040, -8.1365, -50.4310

Background



This preview shows how black text looks on a background with the YUV color 222.5040, -8.1365, -50.4310.



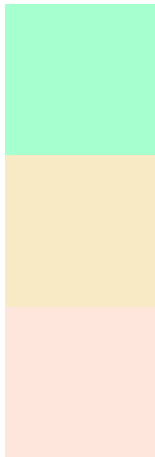
This preview shows how white text looks on a background with the YUV color 222.5040, -8.1365, -50.4310.

-50.4310.

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

222.5040, -8.1365, -50.4310

Protanopia

233.8540, -18.6620, 12.4060

Deuteranopia

236.4490, -7.6164, 16.2692



Tritanopia

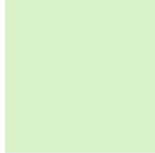
231.5220, 11.5747, -25.8908

Trichromacy



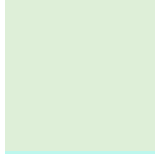
Original Color

222.5040, -8.1365, -50.4310



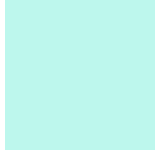
Protanomaly

230.0360, -14.8077, -10.5556



Deuteranomaly

231.2950, -7.5404, -8.1517



Tritanomaly

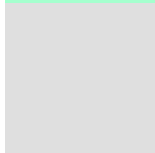
228.5180, 4.1816, -34.6573

Monochromacy



Original Color

222.5040, -8.1365, -50.4310



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

223.0810, -2.9979, -18.4880

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.5040, -8.1365, -50.4310 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(165, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(165, 255, 206)  
}
```

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(165, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 255, 206) }
```

Border

The CSS property to change the border of an element to YUV 222.5040, -8.1365, -50.4310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

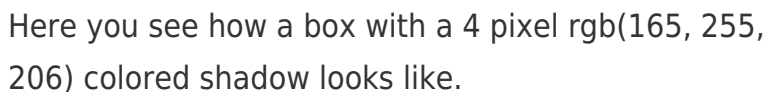
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 255, 206) }
```


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

```
.border{ border-color:rgb(165, 255, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 255, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(165, 255,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 222.5040, -8.1365, -50.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 255, 206) }
```

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

```
.background{ background-color: rgb(165,  
255, 206) }
```

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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