

Converting Colors

YUV(221.3210, -13.9623,
-48.5165)

Have a look what the booklet for
YUV(221.3210, -13.9623, -48.5165)
contains.

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Color

**YUV(221.3210, -13.9623,
-48.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	A6FFC1
RGB	166, 255, 193
RGB Percent	65%, 100%, 76%
CMY	0.3490, 0.0000, 0.2431
CMYK	0.35, 0.00, 0.24, 0.00
HSL	138°, 100%, 83%
HSV	138°, 35%, 100%
XYZ	61.1115, 83.4772, 63.3439
YIQ	221.3210, -33.1420, -38.1500

Conversions

Conversions Part 2

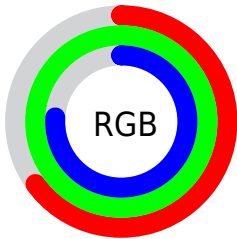
Format	Color
RYB	166, 234, 255
Decimal	10944449
CIELab	93.22, -39.24, 21.36
CIElCh	93, 44.673, 151.442
Yxy	83.4772, 0.2939, 0.4015
Android (android.graphics.Color)	4289134529 (0xFFA6FFC1)
YUV	221.3210, -13.9623, -48.5165
Hunter-Lab	91.3659, -40.4977, 22.8504

Details

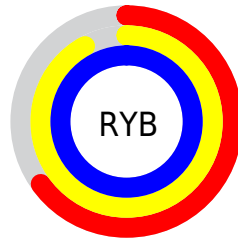
The YUV color **221.3210, -13.9623, -48.5165** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **199.6790, 13.9623, 48.5165**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8620, 2.5330, -19.1730**, and **165.2610, -12.9467, -47.5869** is the 20% darker color. If you saturate the color by 10%, you get **211.7940, -18.1394, -62.0863**, and if you desaturate by 10%, it is **231.1470, -9.9325, -34.3319**.

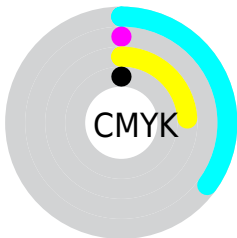
Distribution



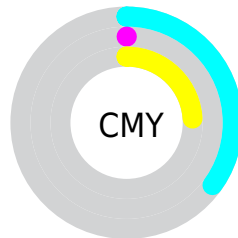
- Red (65%)
- Green (100%)
- Blue (76%)



- Red (65%)
- Yellow (92%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3210, -13.9623, -48.5165 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 221.3210, -13.9623, -48.5165 by changing the saturation by 10% instead.

■ 221.3210,
-13.9623, -48.5165

■ 221.3210,
-13.9623, -48.5165

255.0000, 0.0000,
0.0000

■ 192.8480,
-13.2361, -48.1017

■ 244.8620, 2.5330,
-19.1730

■ 165.2610,
-12.9467, -47.5869

■ 254.4020, 0.2948,
-1.2296

■ 137.6030,
-11.6363, -47.8868

■ 110.5320,
-10.6153, -48.7016

■ 82.6670, -8.7098,
-53.2050

■ 58.7920, -8.2785,
-51.5606

■ 41.7230, -10.2164,

-36.5911

■ 26.4150, -13.0226,
-23.1660

■ 11.1530, -5.4984,
-9.7812

■ 221.3210,
-13.9623, -48.5165

■ 221.3210,
-13.9623, -48.5165

■ 211.7940,
-18.1394, -62.0863

■ 231.1470, -9.9325,
-34.3319

■ 201.9680,
-22.1692, -76.2709

■ 240.6740, -5.7553,
-20.7621

■ 192.5550,
-25.9096, -89.9407

■ 250.3860, -2.1623,
-6.4775

■ 182.7290,
-29.9394, -104.1253

255.0000, 0.0000,
0.0000

■ 172.9030,
-33.9692, -118.3099

■ 163.3760,
-38.1464, -131.8798

■ 158.4630,
-40.1613, -138.9721

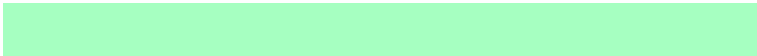
Harmonies

Analogous

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



227.6390, -32.8530, -9.3304



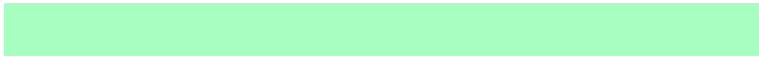
221.3210, -13.9623, -48.5165



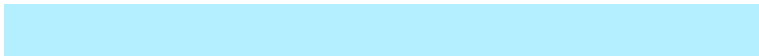
210.0770, 12.7800, -86.0135

Triad

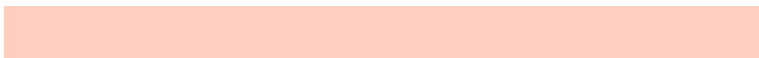
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.3210, -13.9623, -48.5165



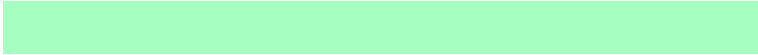
222.8840, 15.8332, -38.4863



219.1690, -12.9013, 31.4238

Complementary

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



221.3210, -13.9623, -48.5165



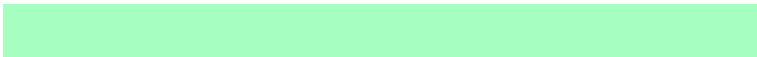
199.6790, 13.9623, 48.5165

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.



222.1960, 6.3124, 28.7691



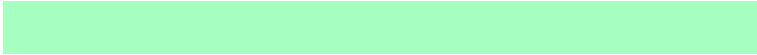
221.3210, -13.9623, -48.5165



233.5140, 10.5926, 9.1962

Square

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



221.3210, -13.9623, -48.5165



208.9980, 22.6790, -87.6982



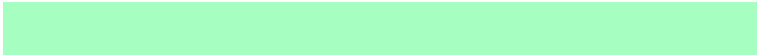
227.9980, 13.3120, 23.6808



223.1520, -30.6409, 27.9307

Rectangle

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



221.3210, -13.9623, -48.5165



203.2730, 25.5014, -106.3564



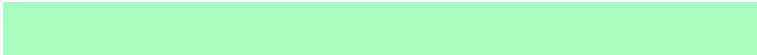
227.9980, 13.3120, 23.6808



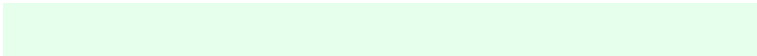
219.4770, -6.6442, 31.1537

Sweetspot

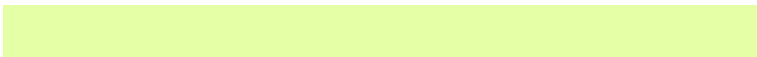
The Sweet Spot groups the original color and five complimentary colors.



221.3210, -13.9623, -48.5165



245.4730, -4.1772, -13.5698



236.7810, -34.8950, -7.7009



121.9620, -2.4463, -8.7367



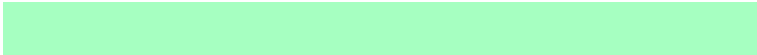
0.0000, 0.0000, 0.0000



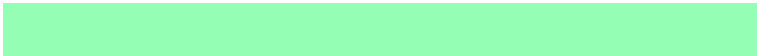
128.0000, 0.0000, 0.0000

Same Dimension

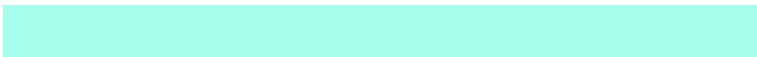
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.3210, -13.9623, -48.5165



214.4570, -16.9873, -58.2828



226.3370, 5.2569, -52.9155



123.0870, -2.0149, -7.0923



118.7290, -29.9394, -104.1253



39.7340, -10.2219, -34.8467

Inverse Universe

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



199.6790, 13.9623, 48.5165



188.5430, 16.9873, 58.2828



194.6630, -5.2569, 52.9155



119.9130, 2.0149, 7.0923



72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 221.3210, -13.9623, -48.5165 looks on a white background.

Color Contrast Check

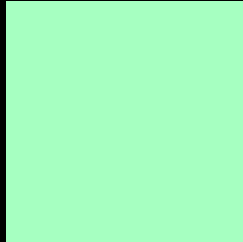
Large Text (above 18pt) WCAG AA × Fail

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 221.3210, -13.9623, -48.5165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

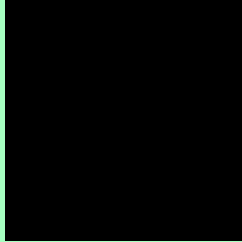
Any Text WCAG AA ✓ Pass

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 221.3210, -13.9623, -48.5165 Background



This preview shows how black text looks on a background with the YUV color 221.3210, -13.9623, -48.5165.



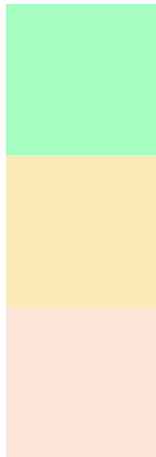
This preview shows how white text looks on a background with the YUV color 221.3210, -13.9623, -48.5165.

-48.5165.

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

221.3210, -13.9623, -48.5165

Protanopia

232.9700, -24.6352, 14.9353

Deuteranopia

235.1780, -9.9478, 17.3839



Tritanopia

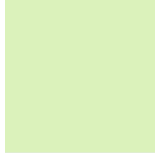
231.2230, 11.7221, -26.5056

Trichromacy



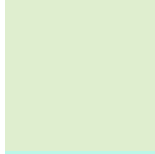
Original Color

221.3210, -13.9623, -48.5165



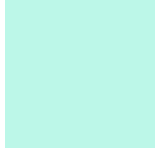
Protanomaly

228.8530, -20.6335, -8.6411



Deuteranomaly

229.9810, -11.3296, -6.1223



Tritanomaly

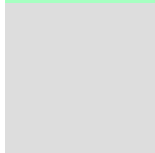
227.6490, 2.1450, -34.7722

Monochromacy



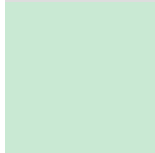
Original Color

221.3210, -13.9623, -48.5165



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.9240, -4.8925, -17.4733

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3210, -13.9623, -48.5165 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(166, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(166, 255, 193)  
}
```

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(166, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 255, 193) }
```

Border

The CSS property to change the border of an element to YUV 221.3210, -13.9623, -48.5165 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(166, 255, 193) }
```


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

```
.border{ border-color:rgb(166, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(166, 255,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 221.3210, -13.9623, -48.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 255, 193) }
```

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

```
.background{ background-color: rgb(166,  
255, 193) }
```

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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