

Converting Colors

YUV(221.9920, -4.9261,
-53.4900)

Have a look what the booklet for
YUV(221.9920, -4.9261, -53.4900)
contains.

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Color

**YUV(221.9920, -4.9261,
-53.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	A1FFD4
RGB	161, 255, 212
RGB Percent	63%, 100%, 83%
CMY	0.3686, 0.0000, 0.1686
CMYK	0.37, 0.00, 0.17, 0.00
HSL	153°, 100%, 82%
HSV	153°, 37%, 100%
XYZ	62.3416, 83.8505, 75.1864
YIQ	221.9920, -42.2210, -33.3010

Conversions

Conversions Part 2

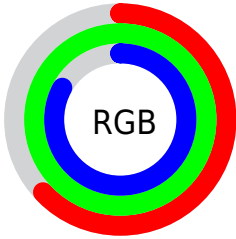
Format	Color
RYB	161, 222, 255
Decimal	10616788
CIELab	93.39, -37.06, 11.82
CIELCh	93, 38.902, 162.312
Yxy	83.8505, 0.2816, 0.3788
Android (android.graphics.Color)	4288806868 (0xFFA1FFD4)
YUV	221.9920, -4.9261, -53.4900
Hunter-Lab	91.5699, -38.7230, 15.4170

Details

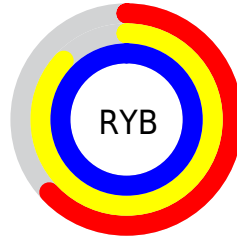
The YUV color **221.9920, -4.9261, -53.4900** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **194.0080, 4.9261, 53.4900**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9370, 5.4541, -22.7467**, and **165.5190, -4.1999, -53.0752** is the 20% darker color. If you saturate the color by 10%, you get **212.8500, -6.3351, -68.2745**, and if you desaturate by 10%, it is **231.1340, -3.5171, -38.7055**.

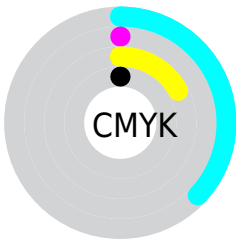
Distribution



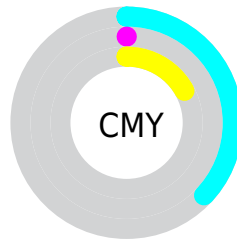
- Red (63%)
- Green (100%)
- Blue (83%)



- Red (63%)
- Yellow (87%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.9920, -4.9261, -53.4900 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 221.9920, -4.9261, -53.4900 by changing the saturation by 10% instead.

221.9920, -4.9261,
-53.4900

221.9920, -4.9261,
-53.4900

255.0000, 0.0000,
0.0000

193.4050, -4.6367,
-52.9752

243.9370, 5.4541,
-22.7467

165.5190, -4.1999,
-53.0752

252.9070, 1.0318,
-4.3034

137.7470, -3.3263,
-53.2751

110.3770, -2.1579,
-54.7046

79.8210, 1.0742,
-64.7410

60.7300, -0.8529,
-53.2602

44.1340, -3.5171,

-38.7055

■ 28.2390, -6.0338,
-24.7656

■ 11.7400, -5.7878,
-10.2960

■ 221.9920, -4.9261,
-53.4900

■ 221.9920, -4.9261,
-53.4900

■ 212.8500, -6.3351,
-68.2745

■ 231.1340, -3.5171,
-38.7055

■ 204.1210, -7.4547,
-82.5441

■ 239.8630, -2.3975,
-24.4359

■ 194.9790, -8.8636,
-97.3286

■ 249.0050, -0.9885,
-9.6514

■ 186.1360,
-10.4200, -111.4983

■ 255.0000, 0.0000,
0.0000

■ 177.1080,
-11.3922, -126.3827

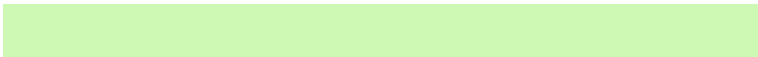
■ 168.2650,
-12.9486, -140.5524

■ 165.4170,
-13.5166, -145.0707

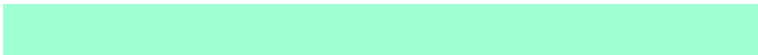
Harmonies

Analogous

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



227.9780, -23.6532, -20.1517



221.9920, -4.9261, -53.4900



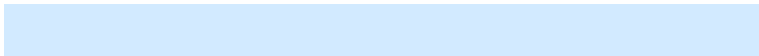
215.3750, 17.5631, -80.1359

Triad

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



221.9920, -4.9261, -53.4900



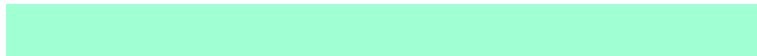
229.2180, 12.7105, -16.8542



223.1810, -17.8372, 27.9053

Complementary

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



221.9920, -4.9261, -53.4900



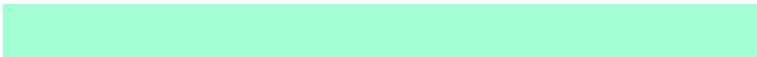
194.0080, 4.9261, 53.4900

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.



223.6490, -0.8130, 27.4948



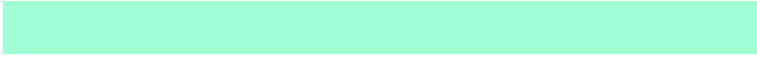
221.9920, -4.9261, -53.4900



235.0420, 9.8393, 17.5032

Square

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



221.9920, -4.9261, -53.4900



219.5180, 17.4926, -57.4593



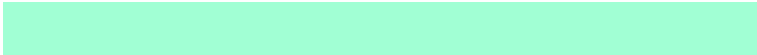
229.1720, 12.7332, 22.6512



227.7170, -30.9195, 23.9272

Rectangle

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



221.9920, -4.9261, -53.4900



212.8410, 20.7844, -86.6836



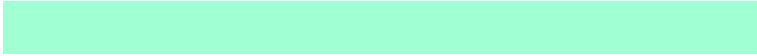
229.1720, 12.7332, 22.6512



222.6740, -12.1643, 28.3499

Sweetspot

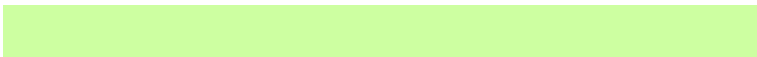
The Sweet Spot groups the original color and five complimentary colors.



221.9920, -4.9261, -53.4900



245.1460, -1.5510, -15.9140



229.3340, -33.6887, -21.3409



122.0050, -0.9885, -9.6514



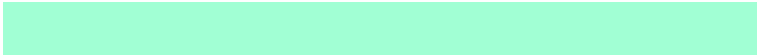
0.0000, 0.0000, 0.0000



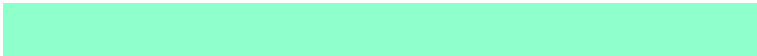
128.0000, 0.0000, 0.0000

Same Dimension

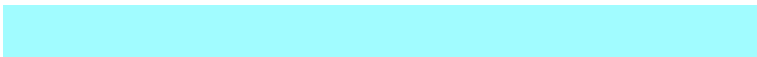
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.9920, -4.9261, -53.4900



215.6980, -5.7671, -63.7561



225.1330, 14.7244, -56.2446



123.4290, -0.7045, -7.3922



123.9730, -9.8467, -108.7243



41.5580, -3.2331, -36.4464

Inverse Universe

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



194.0080, 4.9261, 53.4900



182.3020, 5.7671, 63.7561



190.8670, -14.7244, 56.2446



119.5710, 0.7045, 7.3922



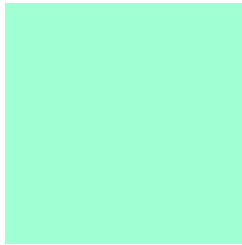
67.0270, 9.8467, 108.7243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 221.9920, -4.9261, -53.4900 looks on a white background.

Color Contrast Check

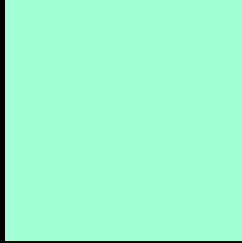
Large Text (above 18pt) WCAG AA × Fail

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 221.9920, -4.9261, -53.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

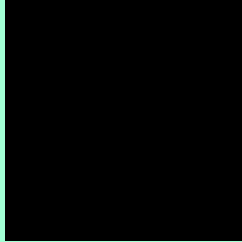
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.9920, -4.9261, -53.4900

Background



This preview shows how black text looks on a background with the YUV color 221.9920, -4.9261, -53.4900.



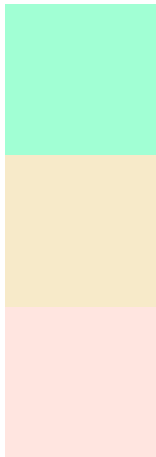
This preview shows how white text looks on a background with the YUV color 221.9920, -4.9261, -53.4900.

-53.4900.

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

221.9920, -4.9261, -53.4900

Protanopia

234.1250, -16.3306, 11.2914

Deuteranopia

236.2040, -6.0166, 16.4841



Tritanopia

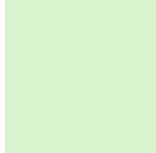
231.8100, 11.4327, -27.0204

Trichromacy



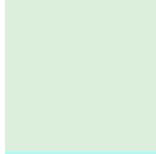
Original Color

221.9920, -4.9261, -53.4900



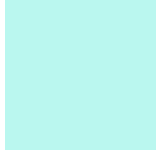
Protanomaly

230.0080, -12.3289, -12.2850



Deuteranomaly

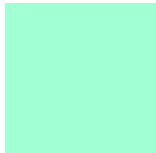
230.8650, -5.3564, -8.6516



Tritanomaly

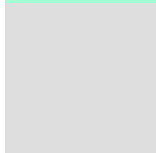
227.8490, 5.4974, -36.7016

Monochromacy



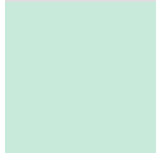
Original Color

221.9920, -4.9261, -53.4900



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

222.0100, -1.9769, -19.3028

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.9920, -4.9261, -53.4900 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(161, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 212)  
}
```

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(161, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 212) }
```

Border

The CSS property to change the border of an element to YUV 221.9920, -4.9261, -53.4900 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(161, 255, 212) }
```


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

```
.border{ border-color:rgb(161, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 221.9920, -4.9261, -53.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 212) }
```

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

```
.background{ background-color: rgb(161,  
255, 212) }
```

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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