

Converting Colors

YUV(221.5080, -4.1944,
-54.8195)

Have a look what the booklet for
YUV(221.5080, -4.1944, -54.8195)
contains.

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Color

**YUV(221.5080, -4.1944,
-54.8195)**

Conversions

Conversions Part 1

Format	Color
Hex	9FFFD5
RGB	159, 255, 213
RGB Percent	62%, 100%, 84%
CMY	0.3765, 0.0000, 0.1647
CMYK	0.38, 0.00, 0.16, 0.00
HSL	154°, 100%, 81%
HSV	154°, 38%, 100%
XYZ	62.0683, 83.6950, 75.8342
YIQ	221.5080, -43.7340, -33.4140

Conversions

Conversions Part 2

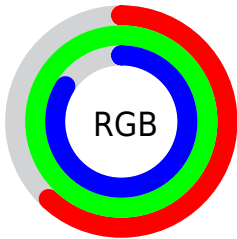
Format	Color
RYB	159, 220, 255
Decimal	10485717
CIELab	93.32, -37.41, 11.20
CIELCh	93, 39.047, 163.336
Yxy	83.6950, 0.2801, 0.3777
Android (android.graphics.Color)	4288675797 (0xFF9FFFD5)
YUV	221.5080, -4.1944, -54.8195
Hunter-Lab	91.4850, -38.9948, 14.8925

Details

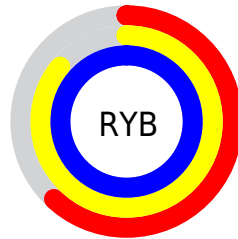
The YUV color **221.5080, -4.1944, -54.8195** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **192.4920, 4.1944, 54.8195**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.6380, 5.6015, -23.3615**, and **165.0350, -3.4683, -54.4047** is the 20% darker color. If you saturate the color by 10%, you get **212.4800, -5.1666, -69.7040**, and if you desaturate by 10%, it is **230.5360, -3.2222, -39.9351**.

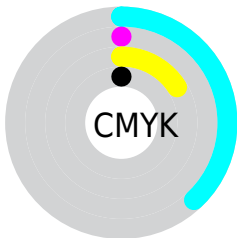
Distribution



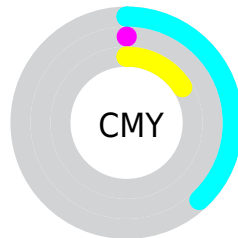
- Red (62%)
- Green (100%)
- Blue (84%)



- Red (62%)
- Yellow (86%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 221.5080, -4.1944, -54.8195 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 221.5080, -4.1944, -54.8195 by changing the saturation by 10% instead.

 221.5080, -4.1944,
-54.8195

 221.5080, -4.1944,
-54.8195

255.0000, 0.0000,
0.0000


 192.9210, -3.9051,
-54.3047


 243.6380, 5.6015,
-23.3615


 165.0350, -3.4683,
-54.4047

 252.3090, 1.3267,
-5.5330

 137.2630, -2.5947,
-54.6047

 109.5940, -1.2788,
-56.6489

 78.1410, 2.3955,
-68.5297

 60.8440, -0.4161,
-53.3602

 44.2480, -3.0803,

-38.8055

■ 28.3530, -5.5970,
-24.8656

■ 11.7400, -5.7878,
-10.2960

■ 221.5080, -4.1944,
-54.8195

■ 221.5080, -4.1944,
-54.8195

■ 212.4800, -5.1666,
-69.7040

■ 230.5360, -3.2222,
-39.9351

■ 203.7510, -6.2862,
-83.9736

■ 239.2650, -2.1026,
-25.6654

■ 194.7230, -7.2584,
-98.8581

■ 248.2930, -1.1304,
-10.7810

■ 185.8800, -8.8148,
-113.0278

■ 255.0000, 0.0000,
0.0000

■ 176.8520, -9.7870,
-127.9122

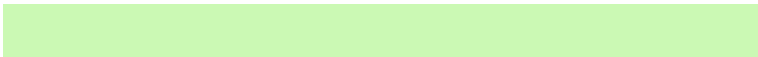
■ 168.1230,
-10.9066, -142.1819

■ 165.9870,
-11.3326, -145.5706

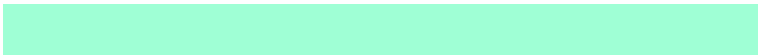
Harmonies

Analogous

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



227.3800, -23.3583, -21.3813



221.5080, -4.1944, -54.8195



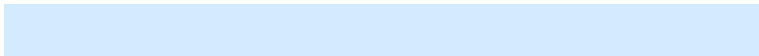
214.8910, 18.2947, -81.4654

Triad

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



221.5080, -4.1944, -54.8195



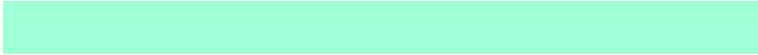
229.5170, 12.5631, -16.2394



223.0670, -18.2740, 28.0052

Complementary

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



221.5080, -4.1944, -54.8195



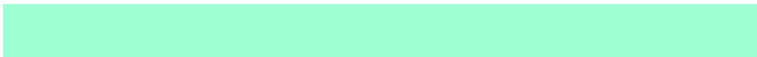
192.4920, 4.1944, 54.8195

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.



223.4210, -1.6866, 27.6948



221.5080, -4.1944, -54.8195



234.4550, 10.1287, 18.0180

Square

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



221.5080, -4.1944, -54.8195



219.8170, 17.3452, -56.8445



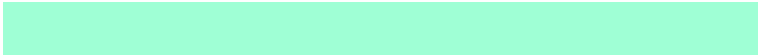
228.5850, 13.0226, 23.1660



227.6030, -31.3563, 24.0272

Rectangle

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



221.5080, -4.1944, -54.8195



212.5420, 20.9318, -87.2983



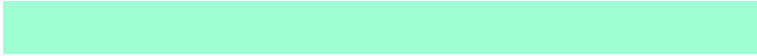
228.5850, 13.0226, 23.1660



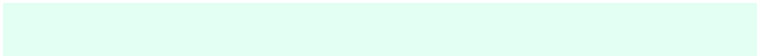
222.4460, -13.0379, 28.5499

Sweetspot

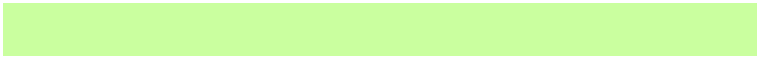
The Sweet Spot groups the original color and five complimentary colors.



221.5080, -4.1944, -54.8195



245.2600, -1.1142, -16.0140



228.2090, -34.1200, -22.9853



122.0050, -0.9885, -9.6514



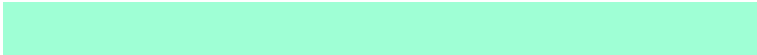
0.0000, 0.0000, 0.0000



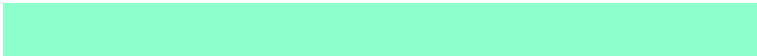
128.0000, 0.0000, 0.0000

Same Dimension

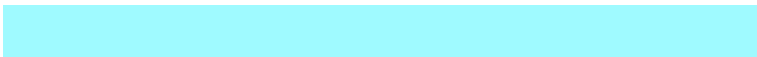
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.5080, -4.1944, -54.8195



214.9150, -4.8881, -65.7005



223.3610, 15.5980, -56.4446



123.4290, -0.7045, -7.3922



124.4290, -8.0995, -109.1242



41.6720, -2.7963, -36.5463

Inverse Universe

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



192.4920, 4.1944, 54.8195



180.0850, 4.8881, 65.7005



190.6390, -15.5980, 56.4446



119.4570, 0.2677, 7.4922



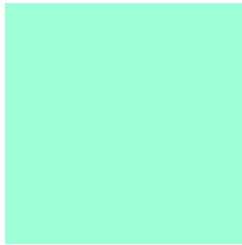
66.6850, 8.5363, 109.0243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 221.5080, -4.1944, -54.8195 looks on a white background.

Color Contrast Check

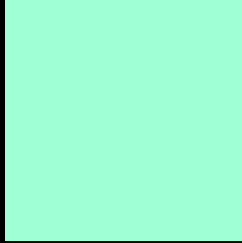
Large Text (above 18pt) WCAG AA × Fail

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 221.5080, -4.1944, -54.8195 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

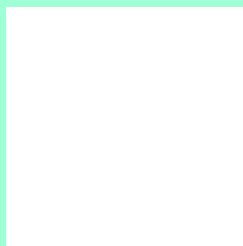
Any Text WCAG AAA ✓ Pass

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

YUV 221.5080, -4.1944, -54.8195 Background



This preview shows how black text looks on a background with the YUV color 221.5080, -4.1944, -54.8195.



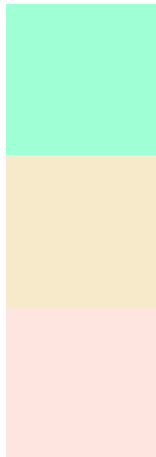
This preview shows how white text looks on a background with the YUV color 221.5080, -4.1944, -54.8195.

-54.8195.

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

221.5080, -4.1944, -54.8195

Protanopia

233.9400, -15.7464, 10.5766

Deuteranopia

236.2040, -6.0166, 16.4841



Tritanopia

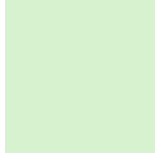
230.6250, 12.0169, -27.7351

Trichromacy



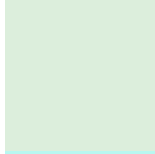
Original Color

221.5080, -4.1944, -54.8195



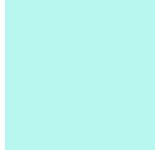
Protanomaly

229.5240, -11.5973, -13.6145



Deuteranomaly

230.5660, -5.2090, -9.2664



Tritanomaly

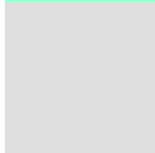
227.3650, 6.2291, -38.0311

Monochromacy



Original Color

221.5080, -4.1944, -54.8195



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

221.8250, -1.3927, -20.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.5080, -4.1944, -54.8195 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(159, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(159, 255, 213)  
}
```

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(159, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 255, 213) }
```

Border

The CSS property to change the border of an element to YUV 221.5080, -4.1944, -54.8195 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(159, 255, 213) }
```


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

```
.border{ border-color:rgb(159, 255, 213) }
```

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

Here you see how a box with a 4 pixel rgb(159, 255, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(159, 255,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 221.5080, -4.1944, -54.8195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 255, 213) }
```

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

```
.background{ background-color: rgb(159,  
255, 213) }
```

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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