

Converting Colors

YUV(222.5920, 5.1311,
-59.2782)

Have a look what the booklet for
YUV(222.5920, 5.1311, -59.2782)
contains.

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Color

**YUV(222.5920, 5.1311,
-59.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFFE9
RGB	155, 255, 233
RGB Percent	61%, 100%, 91%
CMY	0.3922, 0.0000, 0.0863
CMYK	0.39, 0.00, 0.09, 0.00
HSL	167°, 100%, 80%
HSV	167°, 39%, 100%
XYZ	63.9855, 84.3718, 90.0038
YIQ	222.5920, -52.5380, -28.0420

Conversions

Conversions Part 2

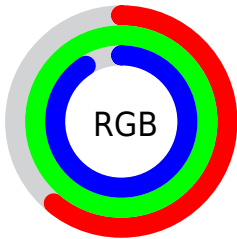
Format	Color
RYB	155, 211, 255
Decimal	10223593
CIELab	93.61, -34.25, 1.29
CIElCh	94, 34.276, 177.850
Yxy	84.3718, 0.2684, 0.3540
Android (android.graphics.Color)	4288413673 (0xFF9BFFE9)
YUV	222.5920, 5.1311, -59.2782
Hunter-Lab	91.8541, -36.4016, 6.2022

Details

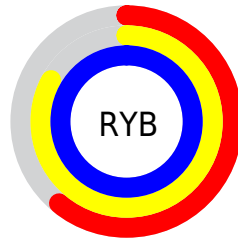
The YUV color **222.5920, 5.1311, -59.2782** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **187.4080, -5.1311, 59.2782**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4420, 6.1911, -25.8206**, and **165.7060, 5.5679, -59.3782** is the 20% darker color. If you saturate the color by 10%, you get **214.4330, 6.1955, -74.0477**, and if you desaturate by 10%, it is **230.7510, 4.0668, -44.5086**.

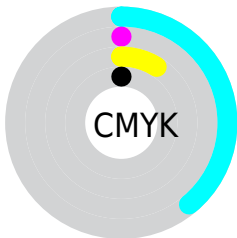
Distribution



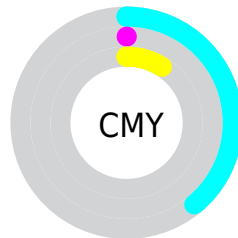
- Red (61%)
- Green (100%)
- Blue (91%)



- Red (61%)
- Yellow (83%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.5920, 5.1311, -59.2782 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 222.5920, 5.1311, -59.2782 by changing the saturation by 10% instead.

222.5920, 5.1311,
-59.2782

222.5920, 5.1311,
-59.2782

255.0000, 0.0000,
0.0000

193.7060, 5.5679,
-59.3782

242.4420, 6.1911,
-25.8206

165.7060, 5.5679,
-59.3782

251.4120, 1.7689,
-7.3773

137.6350, 6.5889,
-60.1929

108.6560, 8.0576,
-64.5963

80.0790, 9.8211,
-70.2293

62.6680, 6.5727,
-54.9598

45.9580, 3.4717,

-40.3052

■ 30.0630, 0.9549,
-26.3653

■ 13.3530, -2.1460,
-11.7106

■ 222.5920, 5.1311,
-59.2782

■ 222.5920, 5.1311,
-59.2782

■ 214.4330, 6.1955,
-74.0477

■ 230.7510, 4.0668,
-44.5086

■ 206.0890, 7.8441,
-89.5321

■ 239.0950, 2.4182,
-29.0243

■ 197.9300, 8.9085,
-104.3016

■ 247.5530, 1.2064,
-13.6400

■ 189.5860, 10.5571,
-119.7859

■ 255.0000, 0.0000,
0.0000

■ 181.1280, 11.7689,
-135.1703

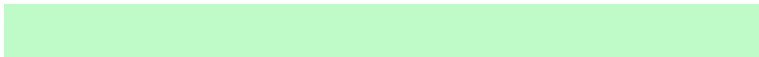
■ 172.9690, 12.8333,
-149.9398

■ 172.3710, 13.1281,
-151.1694

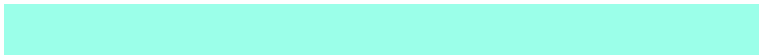
Harmonies

Analogous

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



227.0610, -12.8481, -32.5025



222.5920, 5.1311, -59.2782



219.1310, 17.6834, -72.0289

Triad

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



222.5920, 5.1311, -59.2782



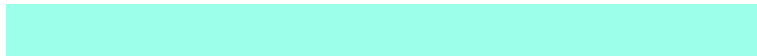
234.9540, 9.8827, 3.5483



227.8940, -22.6257, 23.7720

Complementary

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



222.5920, 5.1311, -59.2782



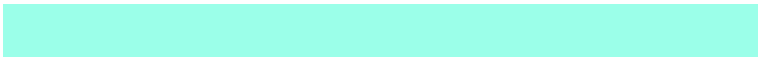
187.4080, -5.1311, 59.2782

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.



225.4610, -9.1013, 25.9057



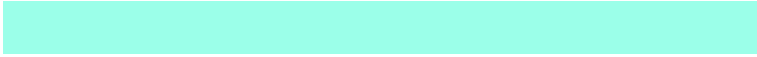
222.5920, 5.1311, -59.2782



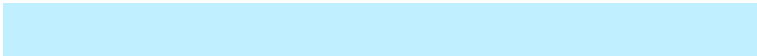
233.2810, 10.7075, 19.0476

Square

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



222.5920, 5.1311, -59.2782



227.3580, 13.6275, -31.0090



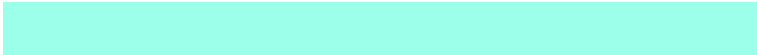
228.6360, 5.6025, 23.1212



233.0970, -30.6138, 19.2089

Rectangle

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



222.5920, 5.1311, -59.2782



219.4520, 17.5252, -67.9254



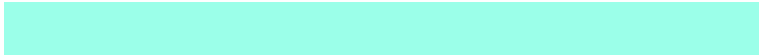
228.6360, 5.6025, 23.1212



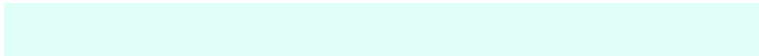
226.3440, -18.4106, 25.1313

Sweetspot

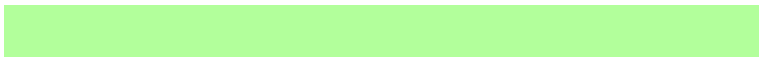
The Sweet Spot groups the original color and five complimentary colors.



222.5920, 5.1311, -59.2782



244.9330, 1.5120, -18.3582



220.5770, -32.3295, -37.3400



122.1620, 0.9061, -10.6661



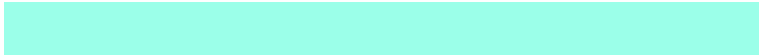
0.0000, 0.0000, 0.0000



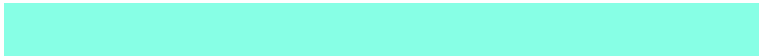
128.0000, 0.0000, 0.0000

Same Dimension

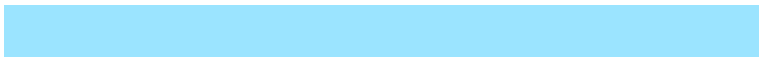
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.5920, 5.1311, -59.2782



216.1560, 6.3321, -71.1738



209.2510, 22.5543, -47.5781



123.7710, 0.6059, -7.6922



129.1030, 9.8092, -113.2233



43.2680, 3.3189, -37.9460

Inverse Universe

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



187.4080, -5.1311, 59.2782



173.9580, -5.8953, 71.0738



200.7490, -22.5543, 47.5781



119.2290, -0.6059, 7.6922



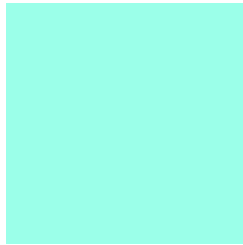
61.8970, -9.8092, 113.2233



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 222.5920, 5.1311, -59.2782 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 222.5920, 5.1311, -59.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

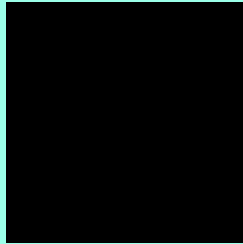
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

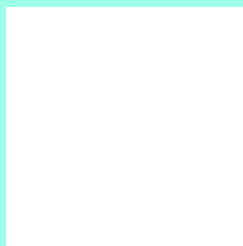
Any Text WCAG AAA ✓ Pass

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

YUV 222.5920, 5.1311, -59.2782 Background



This preview shows how black text looks on a background with the YUV color 222.5920, 5.1311, -59.2782.



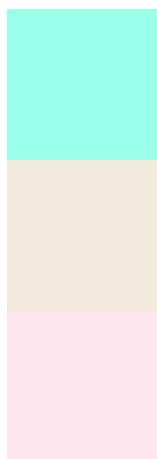
This preview shows how white text looks on a background with the YUV color 222.5920, 5.1311, -59.2782.

-59.2782.

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

222.5920, 5.1311, -59.2782

Protanopia

235.3230, -6.5682, 6.7327

Deuteranopia

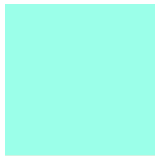
237.8000, 0.0986, 15.0844



Tritanopia

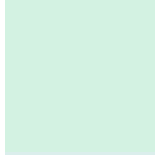
231.5110, 11.5801, -27.6351

Trichromacy



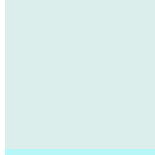
Original Color

222.5920, 5.1311, -59.2782



Protanomaly

230.9070, -2.4192, -17.4584



Deuteranomaly

232.0910, 1.9271, -11.4808



Tritanomaly

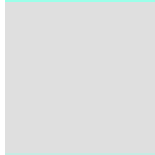
228.1630, 9.2866, -38.7310

Monochromacy



Original Color

222.5920, 5.1311, -59.2782



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

223.0250, 1.9597, -21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.5920, 5.1311, -59.2782 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(155, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 233)  
}
```

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(155, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 233) }
```

Border

The CSS property to change the border of an element to YUV 222.5920, 5.1311, -59.2782 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(155, 255, 233) }
```


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

```
.border{ border-color:rgb(155, 255, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 222.5920, 5.1311, -59.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 233) }
```

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

```
.background{ background-color: rgb(155,  
255, 233) }
```

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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