

Converting Colors

YUV(228.8860, 5.9722,
-49.0120)

Have a look what the booklet for
YUV(228.8860, 5.9722, -49.0120)
contains.

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Color

**YUV(228.8860, 5.9722,
-49.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFFF1
RGB	173, 255, 241
RGB Percent	68%, 100%, 95%
CMY	0.3216, 0.0000, 0.0549
CMYK	0.32, 0.00, 0.05, 0.00
HSL	170°, 100%, 84%
HSV	170°, 32%, 100%
XYZ	68.8708, 86.7551, 96.3346
YIQ	228.8860, -44.3780, -21.7380

Conversions

Conversions Part 2

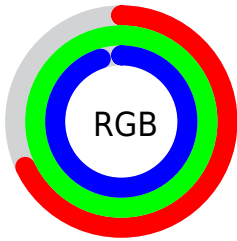
Format	Color
RYB	173, 218, 255
Decimal	11403249
CIELab	94.63, -27.78, -1.25
CIELCh	95, 27.808, 182.582
Yxy	86.7551, 0.2733, 0.3443
Android (android.graphics.Color)	4289593329 (0xFFADFFF1)
YUV	228.8860, 5.9722, -49.0120
Hunter-Lab	93.1424, -31.0139, 3.8777

Details

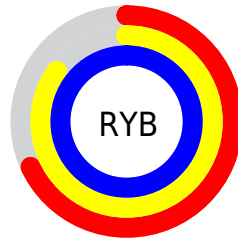
The YUV color **228.8860, 5.9722, -49.0120** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **199.1140, -5.9722, 49.0120**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.8240, 3.5378, -14.7546**, and **172.2990, 6.2616, -48.4972** is the 20% darker color. If you saturate the color by 10%, you get **220.6560, 8.0576, -64.5963**, and if you desaturate by 10%, it is **237.1160, 3.8868, -33.4277**.

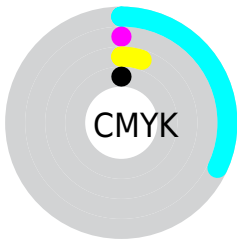
Distribution



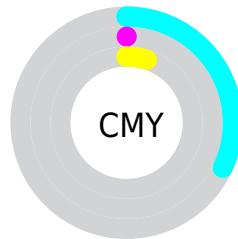
- Red (68%)
- Green (100%)
- Blue (95%)



- Red (68%)
- Yellow (85%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.8860, 5.9722, -49.0120 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 228.8860, 5.9722, -49.0120 by changing the saturation by 10% instead.

■ 228.8860, 5.9722,
-49.0120

■ 228.8860, 5.9722,
-49.0120

255.0000, 0.0000,
0.0000

■ 200.2990, 6.2616,
-48.4972

■ 247.8240, 3.5378,
-14.7546

■ 172.2990, 6.2616,
-48.4972

■ 145.2990, 6.2616,
-48.4972

■ 118.1140, 6.8458,
-49.2120

■ 91.0320, 7.8722,
-51.7711

■ 64.0530, 9.3409,
-56.1745

■ 47.3430, 6.2399,

-41.5198

■ 31.3340, 3.2863,
-27.4799

■ 16.6130, 0.1908,
-14.5696

■ 228.8860, 5.9722,
-49.0120

■ 228.8860, 5.9722,
-49.0120

■ 220.6560, 8.0576,
-64.5963

■ 237.1160, 3.8868,
-33.4277

■ 212.6110, 9.5588,
-79.4658

■ 245.1610, 2.3856,
-18.5582

■ 204.6800, 11.4968,
-94.4354

■ 253.3910, 0.3002,
-2.9739

■ 196.4500, 13.5822,
-110.0196

■ 255.0000, 0.0000,
0.0000

■ 188.4050, 15.0833,
-124.8892

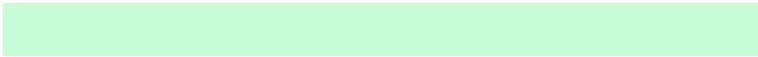
■ 180.1750, 17.1687,
-140.4735

■ 173.7390, 18.3697,
-152.3691

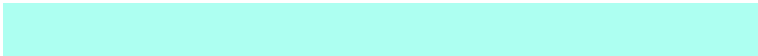
Harmonies

Analogous

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



232.1090, -8.9277, -29.9136



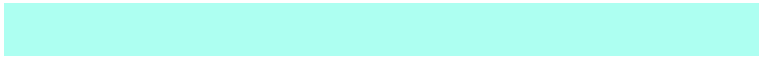
228.8860, 5.9722, -49.0120



227.2040, 13.7034, -55.4299

Triad

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



228.8860, 5.9722, -49.0120



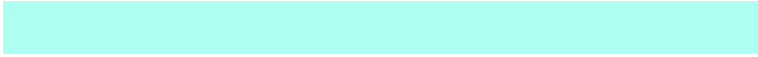
239.1070, 7.8352, 6.9222



233.2570, -19.8467, 19.0686

Complementary

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



228.8860, 5.9722, -49.0120



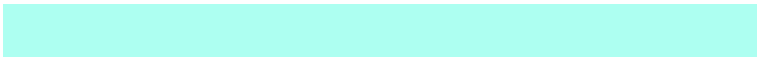
199.1140, -5.9722, 49.0120

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.



231.3140, -9.5218, 20.7726



228.8860, 5.9722, -49.0120



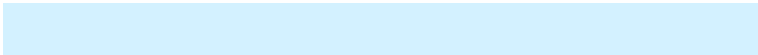
236.8030, 8.9711, 15.9588

Square

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



228.8860, 5.9722, -49.0120



233.6260, 10.5374, -19.8430



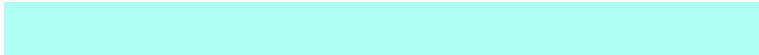
232.5170, 2.7031, 19.7176



237.7420, -25.5088, 15.1353

Rectangle

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



228.8860, 5.9722, -49.0120



227.8350, 13.3923, -48.9673



232.5170, 2.7031, 19.7176



232.0660, -16.7945, 20.1131

Sweetspot

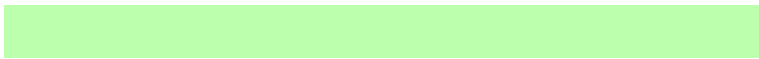
The Sweet Spot groups the original color and five complimentary colors.



228.8860, 5.9722, -49.0120



247.0690, 1.9380, -14.9695



225.6190, -25.9412, -32.9919



122.8740, 1.0481, -9.5365



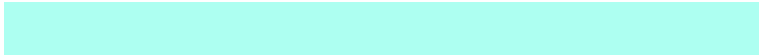
0.0000, 0.0000, 0.0000



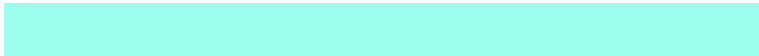
128.0000, 0.0000, 0.0000

Same Dimension

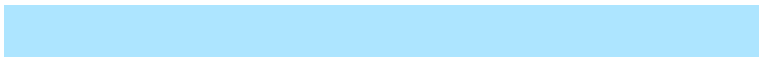
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.8860, 5.9722, -49.0120



223.4610, 7.1677, -59.1633



215.2200, 19.6115, -37.0269



123.7710, 0.6059, -7.6922



130.2430, 14.1772, -114.2231



43.6100, 4.6293, -38.2460

Inverse Universe

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



199.1140, -5.9722, 49.0120



187.5390, -7.1677, 59.1633



212.7800, -19.6115, 37.0269



119.1150, -1.0427, 7.7921



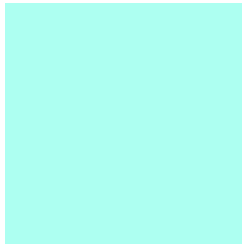
60.8710, -13.7404, 114.1231



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 228.8860, 5.9722, -49.0120 looks on a white background.

Color Contrast Check

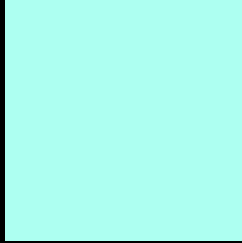
Large Text (above 18pt) WCAG AA × Fail

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 228.8860, 5.9722, -49.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

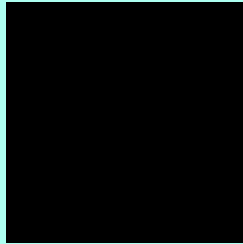
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

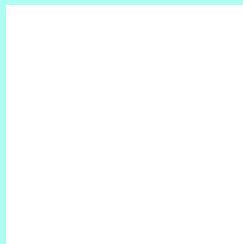
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.8860, 5.9722, -49.0120

Background



This preview shows how black text looks on a background with the YUV color 228.8860, 5.9722, -49.0120.



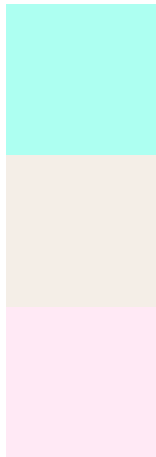
This preview shows how white text looks on a background with the YUV color 228.8860, 5.9722,

-49.0120.

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

228.8860, 5.9722, -49.0120

Protanopia

238.9960, -3.9420, 4.3885

Deuteranopia

240.9460, 1.9986, 12.3254



Tritanopia

236.2730, 9.2324, -21.2874

Trichromacy



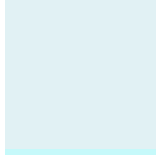
Original Color

228.8860, 5.9722, -49.0120



Protanomaly

235.2000, -0.0986, -15.0844



Deuteranomaly

236.5580, 3.6689, -10.1364



Tritanomaly

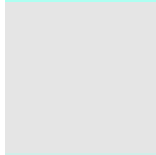
233.8650, 7.9546, -31.4536

Monochromacy



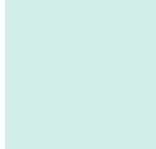
Original Color

228.8860, 5.9722, -49.0120



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.7590, 2.0908, -17.3286

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.8860, 5.9722, -49.0120 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(173, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 241)  
}
```

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(173, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 241) }
```

Border

The CSS property to change the border of an element to YUV 228.8860, 5.9722, -49.0120 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(173, 255, 241) }
```


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

```
.border{ border-color:rgb(173, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 228.8860, 5.9722, -49.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 241) }
```

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

```
.background{ background-color: rgb(173,  
255, 241) }
```

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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