

Converting Colors

YUV(228.2280, 7.2826,
-49.3120)

Have a look what the booklet for
YUV(228.2280, 7.2826, -49.3120)
contains.

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Color

**YUV(228.2280, 7.2826,
-49.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	ACFEF3
RGB	172, 254, 243
RGB Percent	67%, 100%, 95%
CMY	0.3255, 0.0039, 0.0471
CMYK	0.32, 0.00, 0.04, 0.00
HSL	172°, 98%, 84%
HSV	172°, 32%, 100%
XYZ	68.6327, 86.1253, 97.8005
YIQ	228.2280, -45.3410, -20.8050

Conversions

Conversions Part 2

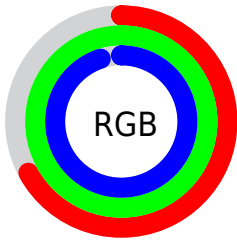
Format	Color
RYB	172, 216, 254
Decimal	11337459
CIELab	94.37, -27.14, -2.68
CIELCh	94, 27.273, 185.648
Yxy	86.1253, 0.2717, 0.3410
Android (android.graphics.Color)	4289527539 (0xFFACFEF3)
YUV	228.2280, 7.2826, -49.3120
Hunter-Lab	92.8037, -30.3974, 2.4803

Details

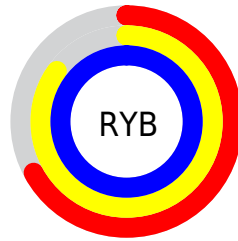
The YUV color $228.2280, 7.2826, -49.3120$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $197.7720, -7.2826, 49.3120$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5250, 3.6852, -15.3694$, and $171.6410, 7.5720, -48.7972$ is the 20% darker color. If you saturate the color by 10%, you get $220.4110, 9.6574, -64.3814$, and if you desaturate by 10%, it is $236.0450, 4.9078, -34.2425$.

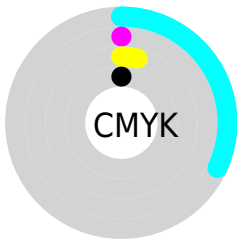
Distribution



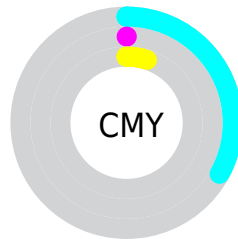
- Red (67%)
- Green (100%)
- Blue (95%)



- Red (67%)
- Yellow (85%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.2280, 7.2826, -49.3120 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 228.2280, 7.2826, -49.3120 by changing the saturation by 10% instead.

228.2280, 7.2826,
-49.3120

228.2280, 7.2826,
-49.3120

255.0000, 0.0000,
0.0000

199.6410, 7.5720,
-48.7972

247.5250, 3.6852,
-15.3694

171.6410, 7.5720,
-48.7972

144.6410, 7.5720,
-48.7972

117.4560, 8.1562,
-49.5119

90.0750, 9.3300,
-52.6858

63.5800, 10.0671,
-55.7597

46.8700, 6.9661,

-41.1050

■ 30.9750, 4.4493,
-27.1651

■ 16.2540, 1.3538,
-14.2548

■ 228.2280, 7.2826,
-49.3120

■ 228.2280, 7.2826,
-49.3120

■ 220.4110, 9.6574,
-64.3814

■ 236.0450, 4.9078,
-34.2425

■ 212.1810, 11.7428,
-79.9657

■ 244.2750, 2.8224,
-18.6582

■ 204.3640, 14.1175,
-95.0352

■ 252.0920, 0.4476,
-3.5887

■ 196.1340, 16.2029,
-110.6195

■ 254.4130, 0.2894,
0.5148

■ 188.3170, 18.5777,
-125.6890

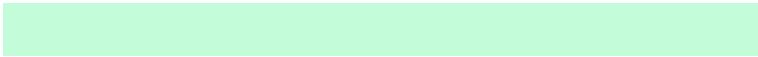
■ 180.5000, 20.9525,
-140.7585

■ 174.1780, 22.5902,
-152.7541

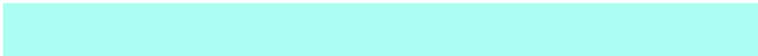
Harmonies

Analogous

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



230.8530, -7.3225, -31.4431



228.2280, 7.2826, -49.3120



226.6280, 13.9874, -53.1708

Triad

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



228.2280, 7.2826, -49.3120



238.8300, 7.9718, 9.7961



233.1430, -20.2835, 19.1686

Complementary

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



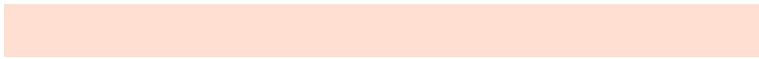
228.2280, 7.2826, -49.3120



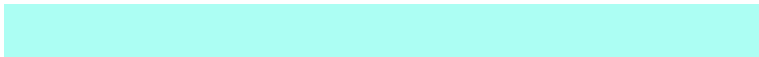
197.7720, -7.2826, 49.3120

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.



230.9720, -10.8322, 21.0726



228.2280, 7.2826, -49.3120



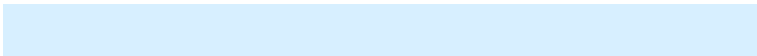
236.2160, 9.2605, 16.4736

Square

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



228.2280, 7.2826, -49.3120



233.6480, 10.5265, -16.3543



232.1750, 1.3927, 20.0175



237.4430, -25.3614, 14.5205

Rectangle

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



228.2280, 7.2826, -49.3120



227.2590, 13.6763, -46.7081



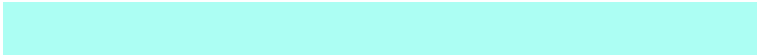
232.1750, 1.3927, 20.0175



231.8380, -17.6681, 20.3131

Sweetspot

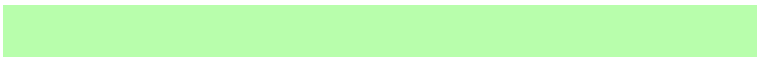
The Sweet Spot groups the original color and five complimentary colors.



228.2280, 7.2826, -49.3120



247.1830, 2.3748, -15.0695



223.7220, -25.4989, -34.8362



122.8740, 1.0481, -9.5365



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

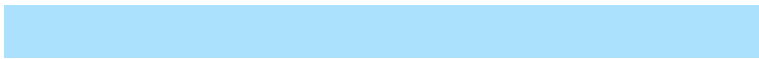
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.2280, 7.2826, -49.3120



223.9170, 8.9149, -59.5632



212.4590, 20.4797, -35.4825



123.8850, 1.0427, -7.7921



131.0410, 17.2348, -114.9230



43.8380, 5.5029, -38.4459

Inverse Universe

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



197.7720, -7.2826, 49.3120



187.0830, -8.9149, 59.5632



213.5410, -20.4797, 35.4825



119.0010, -1.4795, 7.8921



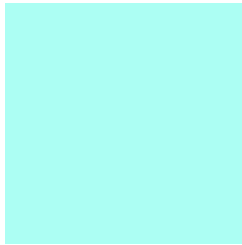
60.0730, -16.7980, 114.8230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 228.2280, 7.2826, -49.3120 looks on a white background.

Color Contrast Check

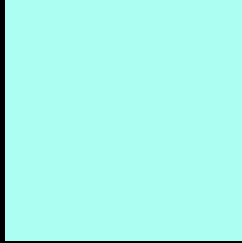
Large Text (above 18pt) WCAG AA × Fail

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 228.2280, 7.2826, -49.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

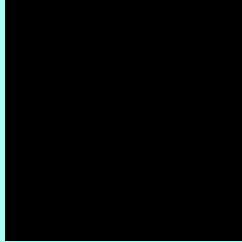
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

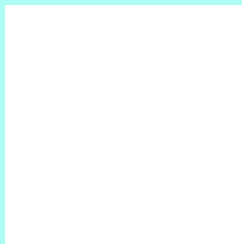
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.2280, 7.2826, -49.3120

Background



This preview shows how black text looks on a background with the YUV color 228.2280, 7.2826, -49.3120.



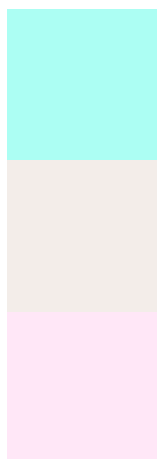
This preview shows how white text looks on a background with the YUV color 228.2280, 7.2826, -49.3120.

-49.3120.

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

228.2280, 7.2826, -49.3120

Protanopia

238.3380, -2.6316, 4.0886

Deuteranopia

240.0000, 3.4510, 13.1550



Tritanopia

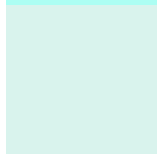
235.0880, 9.8166, -22.0022

Trichromacy



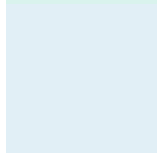
Original Color

228.2280, 7.2826, -49.3120



Protanomaly

234.5420, 1.2118, -15.3843



Deuteranomaly

235.6120, 5.1213, -9.3067



Tritanomaly

232.7940, 8.9756, -32.2683

Monochromacy



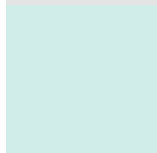
Original Color

228.2280, 7.2826, -49.3120



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

227.8730, 2.5276, -17.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.2280, 7.2826, -49.3120 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(172, 254, 243)` looks like.

```
.text, #text, p{  
    color:rgb(172, 254, 243)  
}
```

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(172, 254, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 254, 243) }
```

Border

The CSS property to change the border of an element to YUV 228.2280, 7.2826, -49.3120 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(172, 254, 243) }
```


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

```
.border{ border-color:rgb(172, 254, 243) }
```

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

Here you see how a box with a 4 pixel rgb(172, 254, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 254, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 254, 243);  
box-shadow:4px 4px 4px 4px rgb(172, 254,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 228.2280, 7.2826, -49.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 254, 243) }
```

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

```
.background{ background-color: rgb(172,  
254, 243) }
```

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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