

Converting Colors

YUV(224.9030, 3.4988,
-49.0269)

Have a look what the booklet for
YUV(224.9030, 3.4988, -49.0269)
contains.

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Color

**YUV(224.9030, 3.4988,
-49.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	A9FCE8
RGB	169, 252, 232
RGB Percent	66%, 99%, 91%
CMY	0.3373, 0.0118, 0.0902
CMYK	0.33, 0.00, 0.08, 0.01
HSL	166°, 93%, 83%
HSV	166°, 33%, 99%
XYZ	65.7381, 83.8820, 89.0700
YIQ	224.9030, -43.0480, -23.8160

Conversions

Conversions Part 2

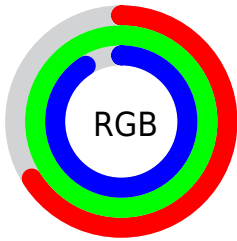
Format	Color
R_{YB}	169, 216, 252
Decimal	11140328
CIE _{Lab}	93.40, -29.37, 1.57
CIE _{LCh}	93, 29.413, 176.938
Y _{xy}	83.8820, 0.2754, 0.3514
Android (android.graphics.Color)	4289330408 (0xFFA9FCE8)
Y _{UV}	224.9030, 3.4988, -49.0269
Hunter-Lab	91.5871, -32.1563, 6.4505

Details

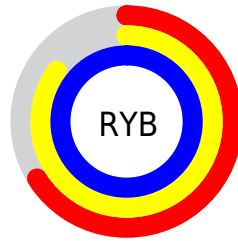
The YUV color $224.9030, 3.4988, -49.0269$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $196.0970, -3.4988, 49.0269$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3290, 4.2748, -17.8285$, and $168.6150, 3.6408, -47.8974$ is the 20% darker color. If you saturate the color by 10%, you get $216.7440, 4.5632, -63.7965$, and if you desaturate by 10%, it is $233.0620, 2.4344, -34.2574$.

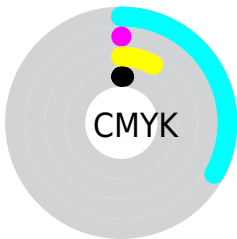
Distribution



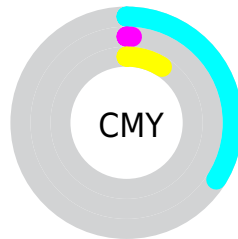
- Red (66%)
- Green (99%)
- Blue (91%)



- Red (66%)
- Yellow (85%)
- Blue (99%)



- Cyan (33%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)





- Cyan (34%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 224.9030, 3.4988, -49.0269 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 224.9030, 3.4988, -49.0269 by changing the saturation by 10% instead.

 224.9030, 3.4988,
-49.0269

 224.9030, 3.4988,
-49.0269


255.0000, 0.0000,
0.0000


 196.3160, 3.7882,
-48.5121


 246.3290, 4.2748,
-17.8285

 168.6150, 3.6408,
-47.8974

 141.4300, 4.2250,
-48.6121

 114.2450, 4.8092,
-49.3269

 86.8640, 5.9830,
-52.5007

 61.3800, 6.7147,
-53.8303

 44.7840, 4.0505,

-39.2756

■ 28.8890, 1.5337,
-25.3357

■ 12.6520, -2.2934,
-11.0958

■ 224.9030, 3.4988,
-49.0269

■ 224.9030, 3.4988,
-49.0269

■ 216.7440, 4.5632,
-63.7965

■ 233.0620, 2.4344,
-34.2574

■ 208.5850, 5.6276,
-78.5660

■ 241.2210, 1.3700,
-19.4878

■ 200.1270, 6.8394,
-93.9504

■ 249.6790, 0.1583,
-4.1035

■ 191.9680, 7.9038,
-108.7199

■ 253.2390, 0.8682,
1.5444

■ 183.8090, 8.9682,
-123.4895

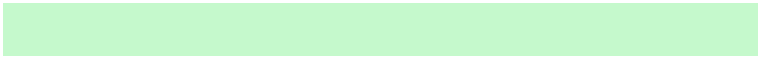
■ 175.6500, 10.0326,
-138.2590

■ 169.6980, 10.5019,
-148.8251

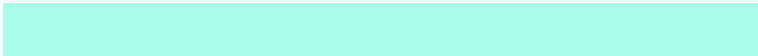
Harmonies

Analogous

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



228.3220, -11.9907, -27.4694



224.9030, 3.4988, -49.0269



223.3390, 15.6089, -59.9333

Triad

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



224.9030, 3.4988, -49.0269



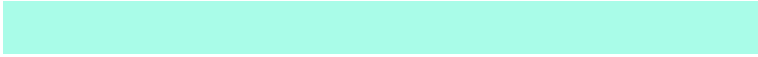
234.9430, 9.8881, 1.8040



229.3930, -19.4207, 22.4573

Complementary

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



224.9030, 3.4988, -49.0269



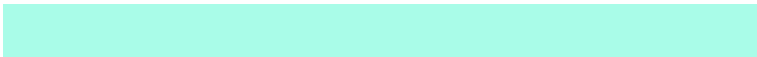
196.0970, -3.4988, 49.0269

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.



227.7920, -7.7855, 23.8614



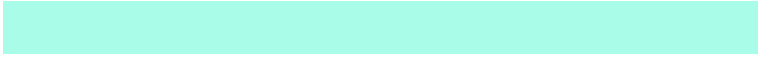
224.9030, 3.4988, -49.0269



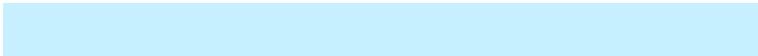
235.0420, 9.8393, 17.5032

Square

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



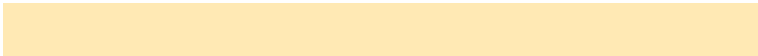
224.9030, 3.4988, -49.0269



228.5650, 13.0325, -26.8055



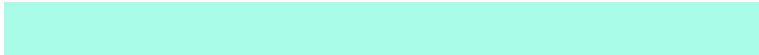
230.3970, 4.7343, 21.5768



233.5360, -26.3932, 18.8239

Rectangle

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



224.9030, 3.4988, -49.0269



222.7740, 15.8874, -55.9298



230.3970, 4.7343, 21.5768



228.3160, -15.9318, 23.4019

Sweetspot

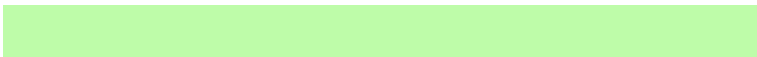
The Sweet Spot groups the original color and five complimentary colors.



224.9030, 3.4988, -49.0269



246.8410, 1.0644, -14.7696



224.0000, -27.1150, -29.8180



122.7600, 0.6113, -9.4365



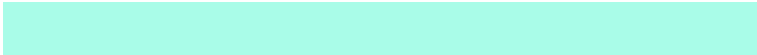
0.0000, 0.0000, 0.0000



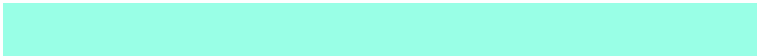
128.0000, 0.0000, 0.0000

Same Dimension

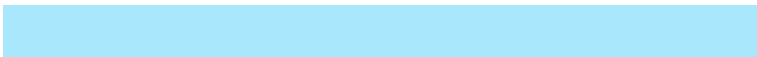
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.9030, 3.4988, -49.0269



221.6520, 4.1156, -60.2078



214.8560, 18.3120, -40.2157



120.7710, 0.6059, -7.6922



127.2450, 7.7672, -111.5939



41.0510, 2.4399, -36.0017

Inverse Universe

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



196.0970, -3.4988, 49.0269



186.3480, -4.1156, 60.2078



206.1440, -18.3120, 40.2157



116.2290, -0.6059, 7.6922



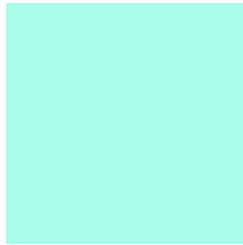
61.6410, -8.2040, 111.6938



19.9490, -2.4399, 36.0017

Previews

White Background



This preview shows how the YUV color 224.9030, 3.4988, -49.0269 looks on a white background.

Color Contrast Check

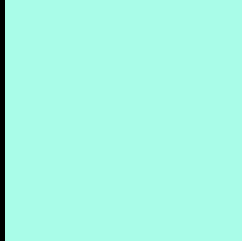
Large Text (above 18pt) WCAG AA × Fail

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 224.9030, 3.4988, -49.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

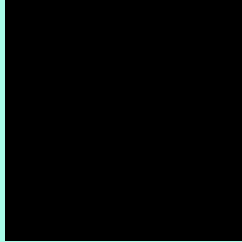
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 224.9030, 3.4988, -49.0269

Background



This preview shows how black text looks on a background with the YUV color 224.9030, 3.4988, -49.0269.



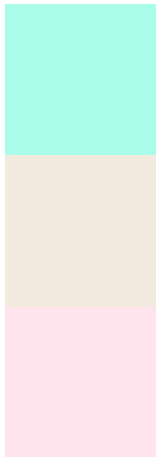
This preview shows how white text looks on a background with the YUV color 224.9030, 3.4988, -49.0269.

-49.0269.

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

224.9030, 3.4988, -49.0269

Protanopia

235.0240, -6.4208, 6.1180

Deuteranopia

237.0990, -0.0488, 15.6992



Tritanopia

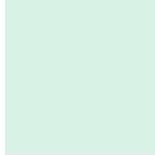
231.5220, 11.5747, -25.8908

Trichromacy



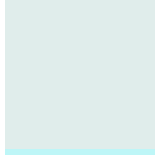
Original Color

224.9030, 3.4988, -49.0269



Protanomaly

231.5160, -2.7194, -14.4845



Deuteranomaly

232.8850, 1.0427, -7.7921



Tritanomaly

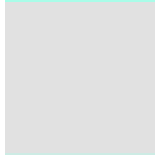
229.3700, 8.6916, -34.5275

Monochromacy



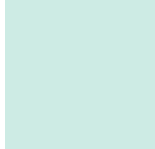
Original Color

224.9030, 3.4988, -49.0269



Achromatopsia

225.0000, 0.0000, 0.0000



Achromatomaly

225.2320, 1.3646, -17.7435

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.9030, 3.4988, -49.0269 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(169, 252, 232)` looks like.

```
.text, #text, p{  
    color:rgb(169, 252, 232)  
}
```

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(169, 252, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 252, 232) }
```

Border

The CSS property to change the border of an element to YUV 224.9030, 3.4988, -49.0269 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(169, 252, 232) }
```


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

```
.border{ border-color:rgb(169, 252, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 252, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 252, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 252, 232);  
box-shadow:4px 4px 4px 4px rgb(169, 252,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 224.9030, 3.4988, -49.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 252, 232) }
```

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

```
.background{ background-color: rgb(169,  
252, 232) }
```

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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