

Converting Colors

YUV(212.7740, -21.0876,
-49.7908)

Have a look what the booklet for
YUV(212.7740, -21.0876, -49.7908)
contains.

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Color

**YUV(212.7740, -21.0876,
-49.7908)**

Conversions

Conversions Part 1

Format	Color
Hex	9CFAAA
RGB	156, 250, 170
RGB Percent	61%, 98%, 67%
CMY	0.3882, 0.0196, 0.3333
CMYK	0.38, 0.00, 0.32, 0.02
HSL	129°, 90%, 80%
HSV	129°, 38%, 98%
XYZ	55.1516, 78.3414, 50.2448
YIQ	212.7740, -30.3440, -44.8080

Conversions

Conversions Part 2

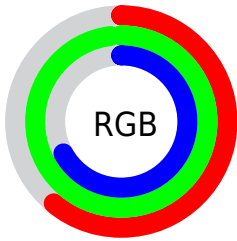
Format	Color
RYB	156, 238, 250
Decimal	10287786
CIELab	90.94, -43.89, 29.82
CIELCh	91, 53.062, 145.807
Yxy	78.3414, 0.3002, 0.4264
Android (android.graphics.Color)	4288477866 (0xFF9CFAAA)
YUV	212.7740, -21.0876, -49.7908
Hunter-Lab	88.5107, -43.6691, 28.3004

Details

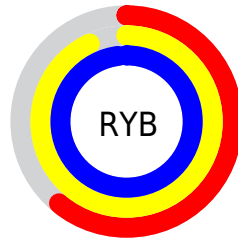
The YUV color $212.7740, -21.0876, -49.7908$ is a light color, and the websafe version is hex $99FF99$. A complement of this color would be $193.2260, 21.0876, 49.7908$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.1360, -6.4760, -22.9213$, and $156.5290, -19.4878, -49.5759$ is the 20% darker color. If you saturate the color by 10%, you get $202.9050, -26.5752, -63.0607$, and if you desaturate by 10%, it is $222.6430, -15.6000, -36.5209$.

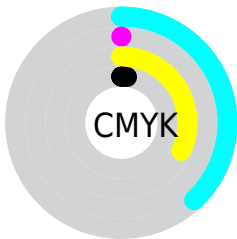
Distribution



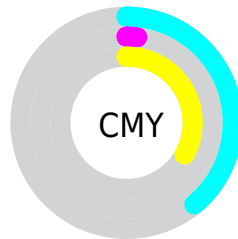
- Red (61%)
- Green (98%)
- Blue (67%)



- Red (61%)
- Yellow (93%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (32%)
- Black (2%)



- Cyan (39%)
- Magenta (2%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7740, -21.0876, -49.7908 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 212.7740, -21.0876, -49.7908 by changing the saturation by 10% instead.

■ 212.7740,
-21.0876, -49.7908

■ 212.7740,
-21.0876, -49.7908

255.0000, 0.0000,
0.0000

■ 184.3010,
-20.3614, -49.3760

■ 239.1360, -6.4760,
-22.9213

■ 156.5290,
-19.4878, -49.5759

■ 251.4120, 1.7689,
-7.3773

■ 128.8710,
-18.1774, -49.8759

■ 101.3160,
-16.4248, -52.0201

■ 70.7600, -13.1927,
-62.0565

■ 53.4630, -16.0043,
-46.8871

■ 36.9810, -18.2316,

-32.4323

■ 24.6540, -12.1544,
-21.6216

■ 3.5220, -1.7363,
-3.0888

■ 212.7740,
-21.0876, -49.7908

■ 212.7740,
-21.0876, -49.7908

■ 202.9050,
-26.5752, -63.0607

■ 222.6430,
-15.6000, -36.5209

■ 192.9220,
-32.4995, -76.2306

■ 232.6260, -9.6756,
-23.3510

■ 183.0530,
-37.9871, -89.5005

■ 242.4950, -4.1880,
-10.0811

■ 173.1840,
-43.4747, -102.7704

■ 252.0650, 1.4470,
2.5740

■ 163.3150,
-48.9623, -116.0403

■ 153.3320,
-54.8867, -129.2102

■ 150.9680,
-56.1862, -132.3989

Harmonies

Analogous

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



220.5660, -42.1840, -3.1274



212.7740, -21.0876, -49.7908



197.1900, 11.2453, -107.1606

Triad

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



212.7740, -21.0876, -49.7908



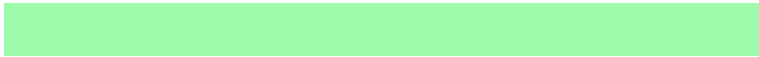
207.9670, 23.1873, -63.9921



209.6800, -11.1812, 39.7456

Complementary

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



212.7740, -21.0876, -49.7908



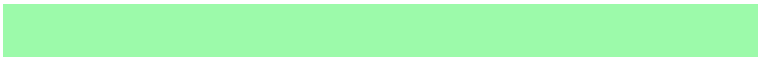
193.2260, 21.0876, 49.7908

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.



214.3200, 11.6742, 35.6764



212.7740, -21.0876, -49.7908



224.3000, 15.1351, -1.1401

Square

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



212.7740, -21.0876, -49.7908



175.2330, 39.3251, -153.6793



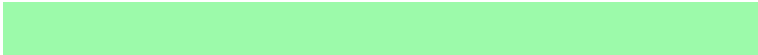
222.7150, 15.9165, 28.3139



213.8110, -33.4308, 36.1228

Rectangle

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



212.7740, -21.0876, -49.7908



178.7550, 37.5888, -156.7681



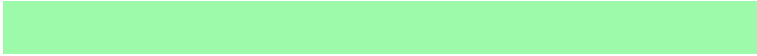
222.7150, 15.9165, 28.3139



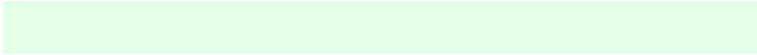
210.4440, -3.1769, 39.0756

Sweetspot

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



212.7740, -21.0876, -49.7908



243.8920, -6.3558, -14.8143



235.3970, -39.1427, 1.4058



121.2070, -4.0461, -8.9515



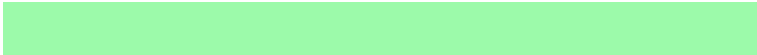
0.0000, 0.0000, 0.0000



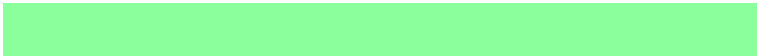
128.0000, 0.0000, 0.0000

Same Dimension

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



212.7740, -21.0876, -49.7908



209.4430, -25.8544, -60.9015



218.0180, -0.9949, -54.3898



119.8590, -2.8885, -6.8923



114.1350, -42.4646, -100.0964



36.8330, -13.7217, -32.3025

Inverse Universe

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



193.2260, 21.0876, 49.7908



185.5570, 25.8544, 60.9015



187.9820, 0.9949, 54.3898



117.1410, 2.8885, 6.8923



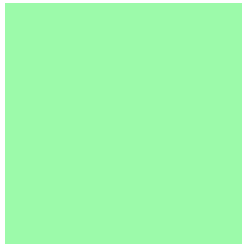
74.8650, 42.4646, 100.0964



24.1670, 13.7217, 32.3025

Previews

White Background



This preview shows how the YUV color 212.7740, -21.0876, -49.7908 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 212.7740, -21.0876, -49.7908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

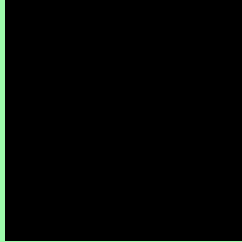
Any Text WCAG AA ✓ Pass

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 212.7740, -21.0876, -49.7908 Background



This preview shows how black text looks on a background with the YUV color 212.7740, -21.0876, -49.7908.



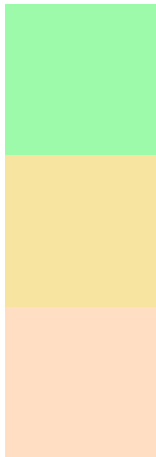
This preview shows how white text looks on a background with the YUV color 212.7740, -21.0876, -49.7908.

-49.7908.

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

212.7740, -21.0876, -49.7908

Protanopia

225.6300, -32.3556, 17.8645

Deuteranopia

228.7890, -16.6580, 22.9870



Tritanopia

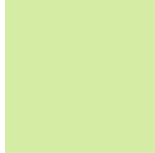
222.8950, 15.8278, -36.7419

Trichromacy



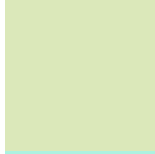
Original Color

212.7740, -21.0876, -49.7908



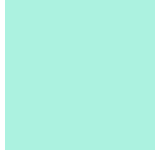
Protanomaly

220.9150, -28.0591, -6.9415



Deuteranomaly

222.8690, -18.1764, -3.3931



Tritanomaly

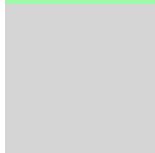
219.0180, 2.4561, -41.2348

Monochromacy



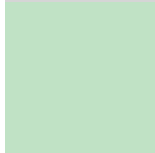
Original Color

212.7740, -21.0876, -49.7908



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.5280, -7.6553, -18.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7740, -21.0876, -49.7908 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(156, 250, 170)` looks like.

```
.text, #text, p{  
    color:rgb(156, 250, 170)  
}
```

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(156, 250, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 250, 170) }
```

Border

The CSS property to change the border of an element to YUV 212.7740, -21.0876, -49.7908 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(156, 250, 170) }
```


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

```
.border{ border-color:rgb(156, 250, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 250, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 250, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 250, 170);  
box-shadow:4px 4px 4px 4px rgb(156, 250,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 212.7740, -21.0876, -49.7908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 250, 170) }
```

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

```
.background{ background-color: rgb(156,  
250, 170) }
```

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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