

Converting Colors

YUV(212.1930, -19.8151,
-37.8803)

Have a look what the booklet for
YUV(212.1930, -19.8151, -37.8803)
contains.

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Color

**YUV(212.1930, -19.8151,
-37.8803)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A9F2AC |
| RGB | 169, 242, 172 |
| RGB Percent | 66%, 95%, 67% |
| CMY | 0.3373, 0.0510, 0.3255 |
| CMYK | 0.30, 0.00, 0.29, 0.05 |
| HSL | 122°, 74%, 81% |
| HSV | 122°, 30%, 95% |
| XYZ | 55.5607, 74.9178, 50.5620 |
| YIQ | 212.1930, -21.0380, -37.2460 |

Conversions

Conversions Part 2

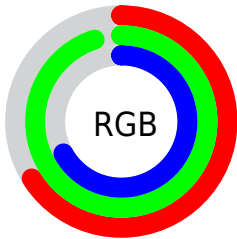
| Format | Color |
|-------------------------------------|--|
| RYB | 169, 239, 242 |
| Decimal | 11137708 |
| CIELab | 89.35, -36.05, 26.77 |
| CIELCh | 89, 44.900, 143.401 |
| Yxy | 74.9178, 0.3069, 0.4138 |
| Android (android.graphics.Color) | 4289327788 (0xFFA9F2AC) |
| YUV | 212.1930, -19.8151, -37.8803 |
| Hunter-Lab | 86.5551, -36.8902, 25.9538 |

Details

The YUV color **212.1930, -19.8151, -37.8803** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **198.8070, 19.8151, 37.8803**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2510, -7.5187, -15.1291**, and **156.2470, -18.3628, -37.0506** is the 20% darker color. If you saturate the color by 10%, you get **202.3950, -26.3237, -50.3354**, and if you desaturate by 10%, it is **221.9910, -13.3066, -25.4251**.

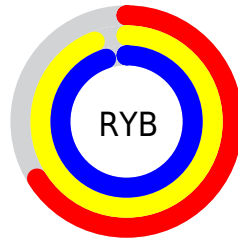
Distribution



Red (66%)

Green (95%)

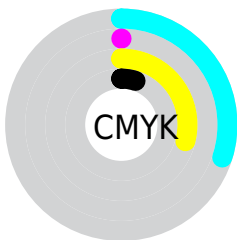
Blue (67%)



Red (66%)

Yellow (94%)

Blue (95%)

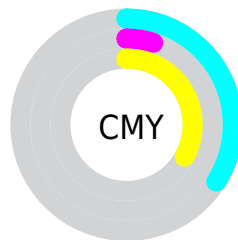


Cyan (30%)

Magenta (0%)

Yellow (29%)

Black (5%)



Cyan (34%)

Magenta (5%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.1930, -19.8151, -37.8803 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 212.1930, -19.8151, -37.8803 by changing the saturation by 10% instead.

■ 212.1930,
-19.8151, -37.8803

■ 212.1930,
-19.8151, -37.8803

255.0000, 0.0000,
0.0000

■ 183.7200,
-19.0890, -37.4654

■ 243.2510, -7.5187,
-15.1291

■ 156.2470,
-18.3628, -37.0506

■ 129.7740,
-17.6366, -36.6358

■ 103.7030,
-16.6156, -37.4505

■ 77.7460, -15.1578,
-38.3652

■ 50.2830, -12.9575,
-44.0982

■ 34.0460, -16.7847,

-29.8583

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 212.1930,
-19.8151, -37.8803

■ 212.1930,
-19.8151, -37.8803

■ 202.3950,
-26.3237, -50.3354

■ 221.9910,
-13.3066, -25.4251

■ 192.5970,
-32.8323, -62.7906

■ 231.7890, -6.7980,
-12.9700

■ 182.3860,
-39.6303, -75.7605

■ 242.0000, 0.0000,
0.0000

■ 172.5880,
-46.1389, -88.2157

■ 247.3690, 3.7621,
6.6924

■ 162.7900,
-52.6475, -100.6708

■ 152.9920,
-59.1561, -113.1260

■ 143.1940,
-65.6646, -125.5811

Harmonies

Analogous

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



218.0810, -36.5219, 0.8060



212.1930, -19.8151, -37.8803



203.3570, 4.7540, -78.3661

Triad

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



212.1930, -19.8151, -37.8803



209.2070, 22.5759, -54.5555



211.5380, -9.1392, 38.1162

Complementary

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



212.1930, -19.8151, -37.8803



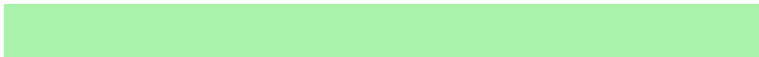
198.8070, 19.8151, 37.8803

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.



215.8530, 9.9325, 34.3319



212.1930, -19.8151, -37.8803



221.0330, 16.7457, -4.4139

Square

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



212.1930, -19.8151, -37.8803



193.8480, 30.1479, -103.3527



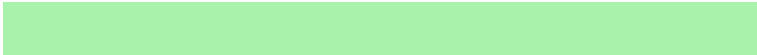
223.8890, 15.3377, 27.2843



213.8910, -28.0473, 36.0526

Rectangle

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



212.1930, -19.8151, -37.8803



196.0020, 23.1700, -105.2418



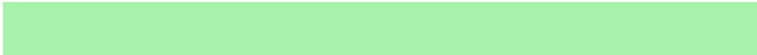
223.8890, 15.3377, 27.2843



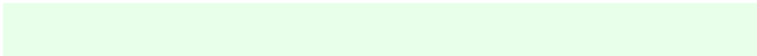
212.5470, -2.7347, 37.2313

Sweetspot

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



212.1930, -19.8151, -37.8803



245.6150, -6.2192, -11.9404



233.0800, -31.5914, 6.0688



121.9190, -3.9041, -7.8220



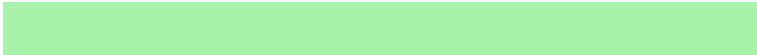
0.0000, 0.0000, 0.0000



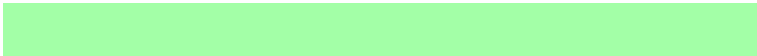
128.0000, 0.0000, 0.0000

Same Dimension

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



212.1930, -19.8151, -37.8803



217.4600, -24.8768, -47.7614



216.2970, -4.0904, -41.4795



115.0440, -3.4727, -6.1776



108.9200, -49.7536, -95.5228



33.1000, -15.3323, -29.0287

Inverse Universe

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



198.8070, 19.8151, 37.8803



200.5400, 24.8768, 47.7614



194.7030, 4.0904, 41.4795



112.8420, 3.0359, 6.2776



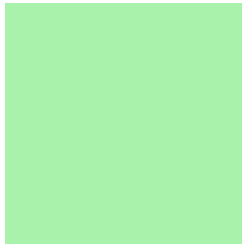
75.0800, 49.7536, 95.5228



22.9000, 15.3323, 29.0287

Previews

White Background



This preview shows how the YUV color 212.1930, -19.8151, -37.8803 looks on a white background.

Color Contrast Check

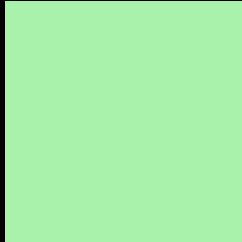
Large Text (above 18pt) WCAG AA × Fail

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 212.1930, -19.8151, -37.8803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

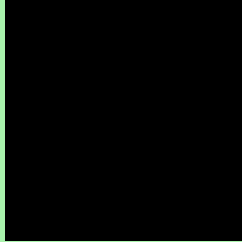
Any Text WCAG AA ✓ Pass

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 212.1930, -19.8151, -37.8803 Background



This preview shows how black text looks on a background with the YUV color 212.1930, -19.8151, -37.8803.



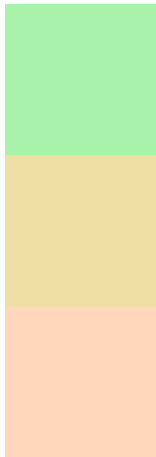
This preview shows how white text looks on a background with the YUV color 212.1930, -19.8151, -37.8803.

-37.8803.

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

212.1930, -19.8151, -37.8803

Protanopia

221.3570, -28.2770, 16.3499

Deuteranopia

224.3550, -18.4160, 26.8757



Tritanopia

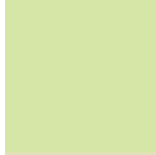
219.4010, 15.0853, -31.9237

Trichromacy



Original Color

212.1930, -19.8151, -37.8803



Protanomaly

218.0340, -25.1598, -3.5378



Deuteranomaly

219.7990, -18.6349, 3.6843



Tritanomaly

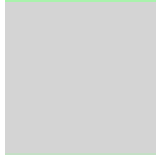
217.0620, 2.4344, -34.2574

Monochromacy



Original Color

212.1930, -19.8151, -37.8803



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

211.9630, -7.3768, -13.9996

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.1930, -19.8151, -37.8803 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, 242, 172)` looks like.

```
.text, #text, p{  
    color:rgb(169, 242, 172)  
}
```

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, 242, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 242, 172) }
```

Border

The CSS property to change the border of an element to YUV 212.1930, -19.8151, -37.8803 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, 242, 172) }
```


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

```
.border{ border-color:rgb(169, 242, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 242, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 242, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 242, 172);  
box-shadow:4px 4px 4px 4px rgb(169, 242,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 212.1930, -19.8151, -37.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 242, 172) }
```

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

```
.background{ background-color: rgb(169,  
242, 172) }
```

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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