

Converting Colors

YUV(212.9020, -31.9967,
-50.7801)

Have a look what the booklet for
YUV(212.9020, -31.9967, -50.7801)
contains.

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Color

**YUV(212.9020, -31.9967,
-50.7801)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFF94
RGB	155, 255, 148
RGB Percent	61%, 100%, 58%
CMY	0.3922, 0.0000, 0.4196
CMYK	0.39, 0.00, 0.42, 0.00
HSL	116°, 100%, 79%
HSV	116°, 42%, 100%
XYZ	54.6229, 80.6267, 40.7006
YIQ	212.9020, -25.2530, -54.4770

Conversions

Conversions Part 2

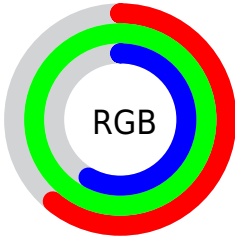
Format	Color
RYB	148, 255, 248
Decimal	10223508
CIELab	91.97, -49.67, 42.08
CIElCh	92, 65.093, 139.729
Yxy	80.6267, 0.3104, 0.4582
Android (android.graphics.Color)	4288413588 (0xFF9BFF94)
YUV	212.9020, -31.9967, -50.7801
Hunter-Lab	89.7924, -48.5508, 35.9800

Details

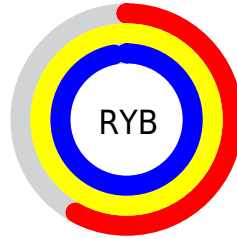
The YUV color **212.9020, -31.9967, -50.7801** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **190.0980, 31.9967, 50.7801**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.5140, -16.5224, -20.6218**, and **156.3580, -30.2495, -51.1800** is the 20% darker color. If you saturate the color by 10%, you get **202.8760, -39.3789, -63.0353**, and if you desaturate by 10%, it is **223.0420, -24.1777, -38.6248**.

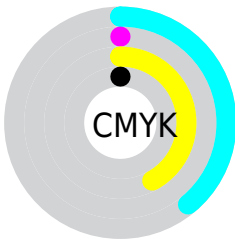
Distribution



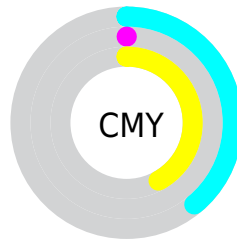
- Red (61%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (97%)



- Cyan (39%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9020, -31.9967, -50.7801 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 212.9020, -31.9967, -50.7801 by changing the saturation by 10% instead.

212.9020,
-31.9967, -50.7801

212.9020,
-31.9967, -50.7801

255.0000, 0.0000,
0.0000

184.1300,
-31.1231, -50.9800

236.5140,
-16.5224, -20.6218

156.3580,
-30.2495, -51.1800

248.7900, -8.2775,
-5.0778

128.1020,
-28.6443, -52.7095

99.5360, -26.8862,
-56.5981

70.0300, -26.1438,
-61.4163

53.4170, -26.3346,
-46.8467

38.7420, -19.0998,

-33.9767

■ 26.4150, -13.0226,
-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 212.9020,
-31.9967, -50.7801

■ 212.9020,
-31.9967, -50.7801

■ 202.8760,
-39.3789, -63.0353

■ 223.0420,
-24.1777, -38.6248

■ 192.7360,
-47.1978, -75.1905

■ 233.0680,
-16.7955, -26.3696

■ 183.0090,
-54.7274, -86.8309

■ 242.9090, -8.8291,
-14.8292

■ 172.8690,
-62.5464, -98.9861

■ 252.9350, -1.4470,
-2.5740

■ 162.8430, 255.0000, 0.0000,
-69.9286, -111.2413 0.0000

■ 154.7680,
-76.3006, -120.8225

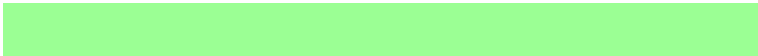
Harmonies

Analogous

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



222.0650, -55.7410, 5.2050



212.9020, -31.9967, -50.7801



173.3970, 17.0593, -152.0692

Triad

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



212.9020, -31.9967, -50.7801



172.8850, 40.4827, -151.6201



204.4940, -5.6665, 44.2938

Complementary

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



212.9020, -31.9967, -50.7801



190.0980, 31.9967, 50.7801

Split Complementary

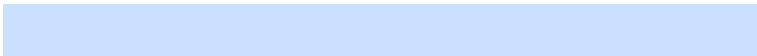
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211.5620, 21.4149, 38.0951



212.9020, -31.9967, -50.7801



220.6570, 16.9311, -17.2392

Square

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



212.9020, -31.9967, -50.7801



178.7550, 37.5888, -156.7681



222.1280, 16.2059, 28.8287



208.3170, -34.1733, 40.9410

Rectangle

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



212.9020, -31.9967, -50.7801



178.2990, 35.8416, -156.3682



222.1280, 16.2059, 28.8287



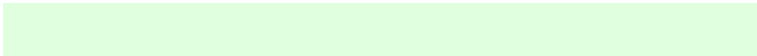
205.7140, 4.0850, 43.2238

Sweetspot

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



212.9020, -31.9967, -50.7801



241.9690, -9.8447, -15.7588



238.6930, -44.7116, 14.3012



119.6260, -6.2246, -10.1960



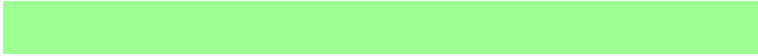
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

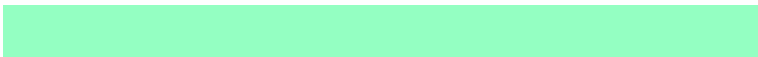
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.9020, -31.9967, -50.7801



204.9410, -37.9319, -60.4613



216.0530, -10.8721, -59.6825



122.9300, -3.9095, -6.0776



116.0040, -57.1900, -90.3345



38.7640, -19.1107, -30.4880

Inverse Universe

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



190.0980, 31.9967, 50.7801



178.0590, 37.9319, 60.4613



186.9470, 10.8721, 59.6825



120.0700, 3.9095, 6.0776



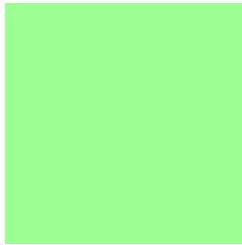
75.2950, 57.0426, 90.9493



25.2360, 19.1107, 30.4880

Previews

White Background



This preview shows how the YUV color 212.9020, -31.9967, -50.7801 looks on a white background.

Color Contrast Check

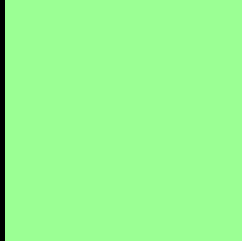
Large Text (above 18pt) WCAG AA × Fail

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 212.9020, -31.9967, -50.7801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

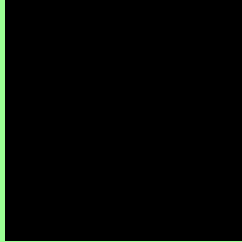
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

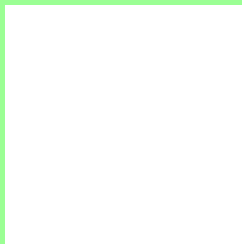
Any Text WCAG AAA ✓ Pass

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

YUV 212.9020, -31.9967, -50.7801 Background



This preview shows how black text looks on a background with the YUV color 212.9020, -31.9967, -50.7801.



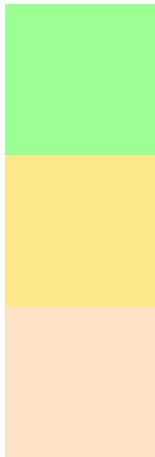
This preview shows how white text looks on a background with the YUV color 212.9020, -31.9967, -50.7801.

-50.7801.

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

212.9020, -31.9967, -50.7801

Protanopia

226.7910, -43.2810, 22.1083

Deuteranopia

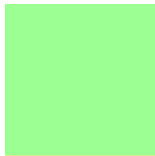
231.3650, -16.9419, 20.7279



Tritanopia

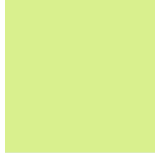
226.1730, 14.2117, -31.7237

Trichromacy



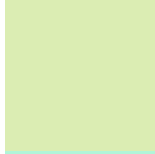
Original Color

212.9020, -31.9967, -50.7801



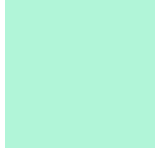
Protanomaly

221.9510, -39.4158, -4.3420



Deuteranomaly

225.0060, -22.6810, -5.2673



Tritanomaly

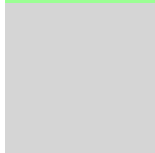
221.3620, -2.6435, -38.9055

Monochromacy



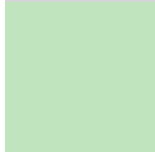
Original Color

212.9020, -31.9967, -50.7801



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.7900, -11.7285, -18.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9020, -31.9967, -50.7801 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(155, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 148)  
}
```

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(155, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 148) }
```

Border

The CSS property to change the border of an element to YUV 212.9020, -31.9967, -50.7801 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(155, 255, 148) }
```


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

```
.border{ border-color:rgb(155, 255, 148) }
```

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

Here you see how a box with a 4 pixel rgb(155, 255, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 148);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 212.9020, -31.9967, -50.7801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 148) }
```

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

```
.background{ background-color: rgb(155,  
255, 148) }
```

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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