

Converting Colors

YUV(212.1560, -27.1919,
-51.8798)

Have a look what the booklet for
YUV(212.1560, -27.1919, -51.8798)
contains.

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Color

**YUV(212.1560, -27.1919,
-51.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	99FD9D
RGB	153, 253, 157
RGB Percent	60%, 99%, 62%
CMY	0.4000, 0.0078, 0.3843
CMYK	0.40, 0.00, 0.38, 0.01
HSL	122°, 96%, 80%
HSV	122°, 40%, 99%
XYZ	54.3480, 79.4572, 44.3706
YIQ	212.1560, -28.7840, -51.0560

Conversions

Conversions Part 2

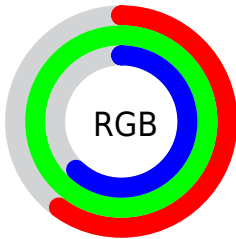
Format	Color
RYB	153, 249, 253
Decimal	10091933
CIELab	91.44, -48.10, 36.97
CIELCh	91, 60.666, 142.459
Yxy	79.4572, 0.3050, 0.4459
Android (android.graphics.Color)	4288282013 (0xFF99FD9D)
YUV	212.1560, -27.1919, -51.8798
Hunter-Lab	89.1388, -47.1613, 32.8843

Details

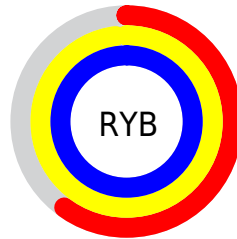
The YUV color **212.1560, -27.1919, -51.8798** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **193.8440, 27.1919, 51.8798**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9420, -12.2964, -22.7511**, and **155.6120, -25.4447, -52.2797** is the 20% darker color. If you saturate the color by 10%, you get **201.9450, -33.9899, -64.8498**, and if you desaturate by 10%, it is **222.3670, -20.3939, -38.9099**.

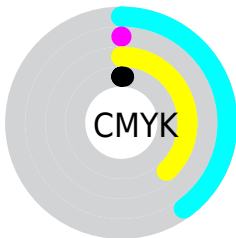
Distribution



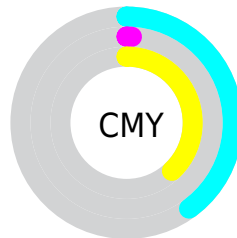
- Red (60%)
- Green (99%)
- Blue (62%)



- Red (60%)
- Yellow (98%)
- Blue (99%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (1%)



- Cyan (40%)
- Magenta (1%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.1560, -27.1919, -51.8798 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 212.1560, -27.1919, -51.8798 by changing the saturation by 10% instead.

212.1560,
-27.1919, -51.8798

212.1560,
-27.1919, -51.8798

255.0000, 0.0000,
0.0000

183.6830,
-26.4657, -51.4650

236.9420,
-12.2964, -22.7511

155.6120,
-25.4447, -52.2797

248.9190, -3.9041,
-7.8220

127.6550,
-23.9869, -53.1944

99.2030, -21.7921,
-57.1830

70.9250, -20.1760,
-62.2012

52.4710, -24.8822,
-46.0171

38.1550, -18.8104,

-33.4619

■ 25.2410, -12.4438,
-22.1364

■ 5.8700, -2.8939,
-5.1480

■ 212.1560,
-27.1919, -51.8798

■ 212.1560,
-27.1919, -51.8798

■ 201.9450,
-33.9899, -64.8498

■ 222.3670,
-20.3939, -38.9099

■ 191.3210,
-41.0773, -78.3345

■ 232.9910,
-13.3066, -25.4251

■ 181.1100,
-47.8752, -91.3045

■ 243.2020, -6.5086,
-12.4552

■ 170.8990,
-54.6732, -104.2744

■ 253.4130, 0.2894,
0.5148

■ 160.3890, 253.8260, 0.5788,
-61.3238, -117.8592 1.0296

■ 150.0640,
-68.5586, -130.7291

■ 149.6510,
-68.8479, -131.2439

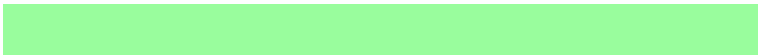
Harmonies

Analogous

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



220.8240, -50.1992, 1.0314



212.1560, -27.1919, -51.8798



182.9370, 14.8211, -134.1257

Triad

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



212.1560, -27.1919, -51.8798



197.1480, 28.5210, -94.8458



206.3860, -8.5713, 42.6345

Complementary

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



212.1560, -27.1919, -51.8798



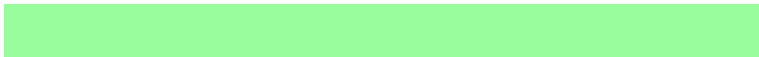
193.8440, 27.1919, 51.8798

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.



211.9380, 17.7786, 37.7654



212.1560, -27.1919, -51.8798



222.1850, 16.1778, -8.9322

Square

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



212.1560, -27.1919, -51.8798



178.1680, 37.8782, -156.2533



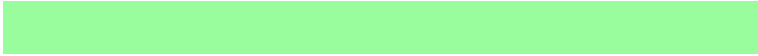
222.1280, 16.2059, 28.8287



210.1920, -34.6047, 39.2966

Rectangle

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



212.1560, -27.1919, -51.8798



178.6410, 37.1520, -156.6682



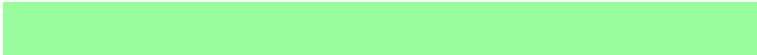
222.1280, 16.2059, 28.8287



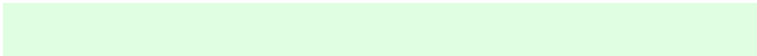
206.7910, 0.5960, 42.2793

Sweetspot

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



212.1560, -27.1919, -51.8798



242.4250, -8.0975, -16.1587



240.7030, -43.2376, 8.1535



120.5660, -5.2090, -9.2664



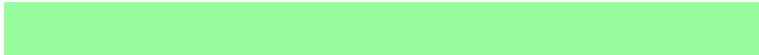
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

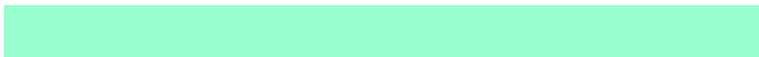
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.1560, -27.1919, -51.8798



206.0100, -32.5429, -62.2758



217.7420, -5.7888, -56.7787



122.6310, -3.7621, -6.6924



113.0290, -51.7793, -99.1264



37.9100, -17.2106, -33.2471

Inverse Universe

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



193.8440, 27.1919, 51.8798



183.9900, 32.5429, 62.2758



188.2580, 5.7888, 56.7787



120.2550, 3.3253, 6.7924



78.0850, 52.2161, 99.0265



26.0900, 17.2106, 33.2471

Previews

White Background



This preview shows how the YUV color 212.1560, -27.1919, -51.8798 looks on a white background.

Color Contrast Check

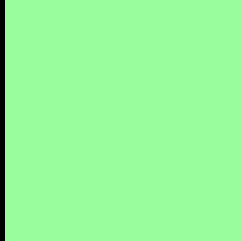
Large Text (above 18pt) WCAG AA × Fail

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 212.1560, -27.1919, -51.8798 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 212.1560, -27.1919, -51.8798 Background



This preview shows how black text looks on a background with the YUV color 212.1560, -27.1919, -51.8798.



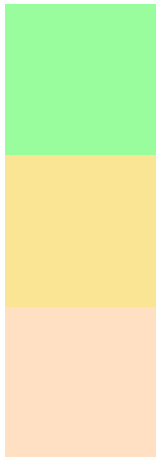
This preview shows how white text looks on a background with the YUV color 212.1560, -27.1919, -51.8798.

-51.8798.

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

212.1560, -27.1919, -51.8798

Protanopia

225.6320, -38.7656, 20.4937

Deuteranopia

229.9630, -17.2368, 21.9574



Tritanopia

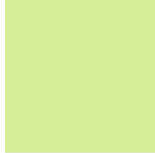
224.3790, 15.0962, -35.4124

Trichromacy



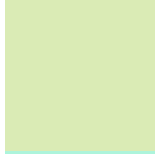
Original Color

212.1560, -27.1919, -51.8798



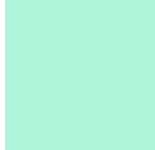
Protanomaly

220.9060, -34.4637, -6.0566



Deuteranomaly

223.7610, -21.0812, -5.0524



Tritanomaly

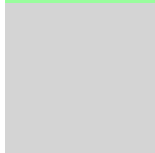
219.9210, -0.4541, -41.1497

Monochromacy



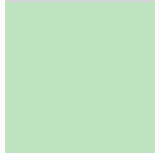
Original Color

212.1560, -27.1919, -51.8798



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.2460, -9.9813, -18.6327

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.1560, -27.1919, -51.8798 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(153, 253, 157)` looks like.

```
.text, #text, p{  
    color:rgb(153, 253, 157)  
}
```

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(153, 253, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 253, 157) }
```

Border

The CSS property to change the border of an element to YUV 212.1560, -27.1919, -51.8798 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(153, 253, 157) }
```


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

```
.border{ border-color:rgb(153, 253, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 253, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 253, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 253, 157);  
box-shadow:4px 4px 4px 4px rgb(153, 253,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 212.1560, -27.1919, -51.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 253, 157) }
```

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

```
.background{ background-color: rgb(153,  
253, 157) }
```

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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