

Converting Colors

YIQ(212.9820, -28.2340,
-50.0100)

Have a look what the booklet for
YIQ(212.9820, -28.2340, -50.0100)
contains.

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Color

**YIQ(212.9820, -28.2340,
-50.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFD9F
RGB	155, 253, 159
RGB Percent	61%, 99%, 62%
CMY	0.3924, 0.0077, 0.3765
CMYK	0.39, 0.00, 0.37, 0.01
HSL	122°, 96%, 80%
HSV	122°, 39%, 99%
XYZ	54.8986, 79.7405, 45.2943
YIQ	212.9820, -28.2340, -50.0100

Conversions

Conversions Part 2

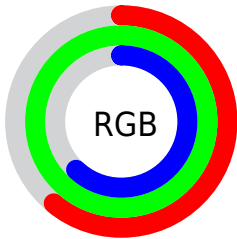
Format	Color
RYB	155, 249, 253
Decimal	10223007
CIELab	91.57, -47.26, 36.16
CIElCh	92, 59.506, 142.575
Yxy	79.7405, 0.3051, 0.4432
Android (android.graphics.Color)	4288413087 (0xFF9BFD9F)
YUV	212.9820, -26.6131, -50.8502
Hunter-Lab	89.2975, -46.5318, 32.4346

Details

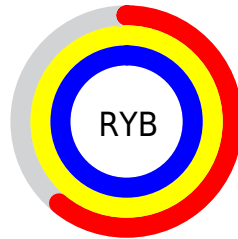
The YIQ color **212.9820, -28.2340, -50.0100** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **195.0180, 28.2340, 50.0100**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7680, -11.8710, -21.6550**, and **156.4380, -29.5180, -48.7660** is the 20% darker color. If you saturate the color by 10%, you get **202.7710, -35.4300, -62.7740**, and if you desaturate by 10%, it is **223.1930, -21.0380, -37.2460**.

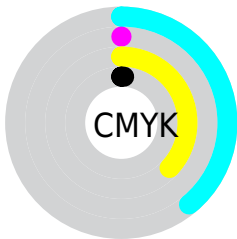
Distribution



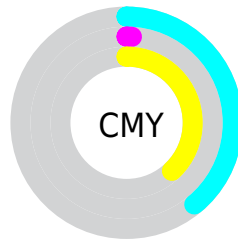
- Red (61%)
- Green (99%)
- Blue (62%)



- Red (61%)
- Yellow (98%)
- Blue (99%)



- Cyan (39%)
- Magenta (0%)
- Yellow (37%)
- Black (1%)



- Cyan (39%)
- Magenta (1%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.9820, -28.2340, -50.0100 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 YIQ color 212.9820, -28.2340, -50.0100 by changing the saturation by 10% instead.

212.9820,
-28.2340, -50.0100

212.9820,
-28.2340, -50.0100

255.0000, -0.0000,
-0.0000

184.5090,
-28.2800, -49.1760

237.7680,
-11.8710, -21.6550

156.4380,
-29.5180, -48.7660

249.7450, -3.8960,
-6.4880

128.7800,
-30.4810, -47.8330

100.3280,
-35.0200, -48.1720

71.1530, -41.8970,
-50.1930

52.8130, -26.0800,
-44.9920

38.1550, -17.8750,

-33.9950

■ 25.2410, -11.8250,
-22.4890

■ 6.4570, -3.0250,
-5.7530

■ 212.9820,
-28.2340, -50.0100

■ 212.9820,
-28.2340, -50.0100

■ 202.7710,
-35.4300, -62.7740

■ 223.1930,
-21.0380, -37.2460

■ 192.1470,
-42.9010, -76.0610

■ 233.8170,
-13.5670, -23.9590

■ 181.9360,
-50.0970, -88.8250

■ 244.0280, -6.3710,
-11.1950

■ 171.7250,
-57.2930, -101.5890

■ 253.8260, 0.5500,
1.0460

■ 161.2150,
-65.0850, -114.5650

■ 150.8900,
-71.9600, -127.6400

■ 149.6510,
-72.7850, -129.2090

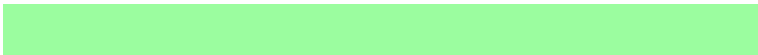
Harmonies

Analogous

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



221.7530, 26.8750, -41.0370



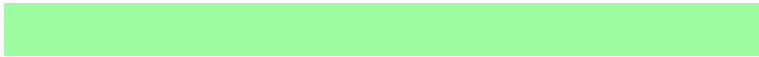
212.9820, -28.2340, -50.0100



187.2370, -112.5950, -57.4830

Triad

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



212.9820, -28.2340, -50.0100



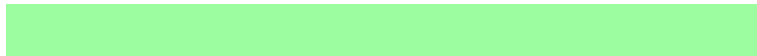
199.5400, -90.3180, -26.1740



207.0870, 39.8400, 15.8720

Complementary

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



212.9820, -28.2340, -50.0100



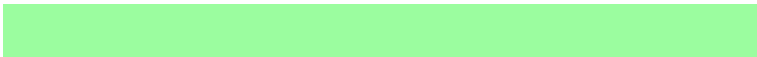
195.0180, 28.2340, 50.0100

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.



213.1120, 21.4970, 34.4330



212.9820, -28.2340, -50.0100



222.4840, -15.6820, 8.8780

Square

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



212.9820, -28.2340, -50.0100



178.1680, -151.7050, -53.5370



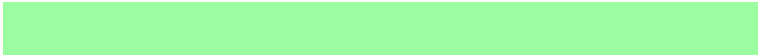
222.7150, 15.1250, 28.7650



211.0070, 50.8480, -7.4240

Rectangle

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



212.9820, -28.2340, -50.0100



178.6410, -151.6590, -54.3710



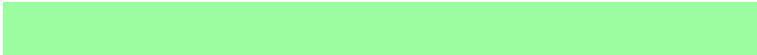
222.7150, 15.1250, 28.7650



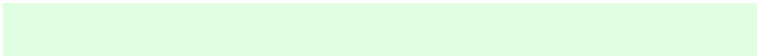
208.0790, 34.2910, 22.8270

Sweetspot

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



212.9820, -28.2340, -50.0100



242.4250, -9.1670, -15.5910



240.9310, 29.6700, -31.1140



120.5660, -4.9500, -9.4140



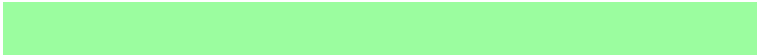
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

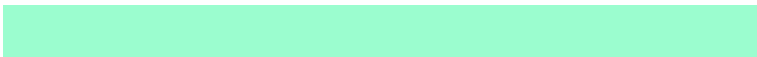
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.9820, -28.2340, -50.0100



206.0100, -34.6050, -61.2050



218.4540, -43.6420, -35.0820



122.6310, -3.5750, -6.7990



113.0290, -55.0930, -97.4050



37.9100, -18.5630, -32.5390

Inverse Universe

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



195.0180, 28.2340, 50.0100



183.9900, 34.6050, 61.2050



189.5460, 43.6420, 35.0820



120.2550, 3.8960, 6.4880



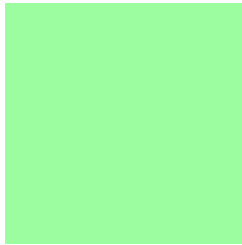
77.9710, 55.0930, 97.4050



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 212.9820, -28.2340, -50.0100 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 YIQ color 212.9820, -28.2340, -50.0100 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](#).

YIQ 212.9820, -28.2340, -50.0100 Background



This preview shows how black text looks on a background with the YIQ color 212.9820, -28.2340, -50.0100.



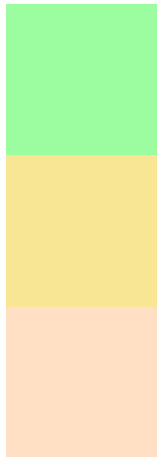
This preview shows how white text looks on a background with the YIQ color 212.9820, -28.2340, -50.0100.

-50.0100.

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

212.9820, -28.2340, -50.0100

Protanopia

226.4470, 37.3250, -21.1630

Deuteranopia

230.0770, 27.4640, -2.1360



Tritanopia

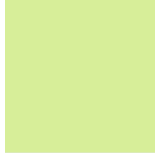
224.9770, -36.7240, -6.2600

Trichromacy



Original Color

212.9820, -28.2340, -50.0100



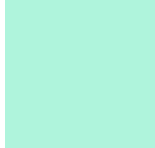
Protanomaly

221.4330, 13.5770, -31.3110



Deuteranomaly

224.2880, 7.1560, -19.5640



Tritanomaly

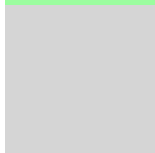
220.6330, -33.4200, -22.0920

Monochromacy



Original Color

212.9820, -28.2340, -50.0100



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

213.2460, -10.2210, -18.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.9820, -28.2340, -50.0100 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, 253, 159)` looks like.

```
.text, #text, p{  
    color:rgb(155, 253, 159)  
}
```

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, 253, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 253, 159) }
```

Border

The CSS property to change the border of an element to YIQ 212.9820, -28.2340, -50.0100 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, 253, 159) }
```


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

```
.border{ border-color:rgb(155, 253, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 253, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 253, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 253, 159); box-shadow:4px 4px 4px 4px rgb(155, 253, 159) }
```

Background

The CSS property to change the background color of an element to YIQ 212.9820, -28.2340, -50.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 253, 159) }
```

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

```
.background{ background-color: rgb(155,  
253, 159) }
```

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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