

Converting Colors

YIQ(215.2810, -27.6380,
-49.7980)

Have a look what the booklet for
YIQ(215.2810, -27.6380, -49.7980)
contains.

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Color

**YIQ(215.2810, -27.6380,
-49.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	9EFFA1
RGB	158, 255, 161
RGB Percent	62%, 100%, 63%
CMY	0.3807, 0.0000, 0.3687
CMYK	0.38, 0.00, 0.37, 0.00
HSL	122°, 100%, 81%
HSV	122°, 38%, 100%
XYZ	56.2782, 81.3545, 46.4507
YIQ	215.2810, -27.6380, -49.7980

Conversions

Conversions Part 2

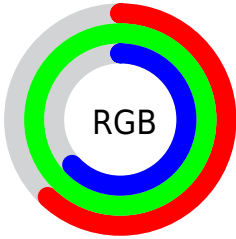
Format	Color
RYB	158, 252, 255
Decimal	10420129
CIELab	92.29, -46.90, 36.15
CIElCh	92, 59.216, 142.381
Yxy	81.3545, 0.3057, 0.4419
Android (android.graphics.Color)	4288610209 (0xFF9EFA1)
YUV	215.2810, -26.7605, -50.2354
Hunter-Lab	90.1967, -46.4692, 32.6038

Details

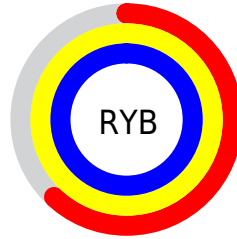
The YIQ color **215.2810, -27.6380, -49.7980** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **197.7190, 27.6380, 49.7980**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.0070, -11.0460, -20.0860**, and **159.0360, -28.3260, -48.3420** is the 20% darker color. If you saturate the color by 10%, you get **204.6570, -35.1090, -63.0850**, and if you desaturate by 10%, it is **225.6060, -20.7630, -36.7230**.

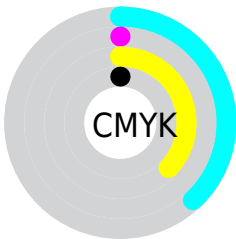
Distribution



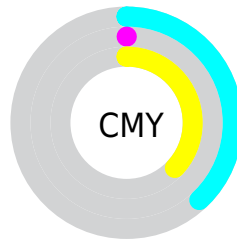
- Red (62%)
- Green (100%)
- Blue (63%)



- Red (62%)
- Yellow (99%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.2810, -27.6380, -49.7980 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 215.2810, -27.6380, -49.7980 by changing the saturation by 10% instead.

■ 215.2810,
-27.6380, -49.7980

■ 215.2810,
-27.6380, -49.7980

■ 255.0000, -0.0000,
-0.0000

■ 186.8080,
-27.6840, -48.9640

■ 239.0070,
-11.0460, -20.0860

■ 158.7370,
-28.9220, -48.5540

■ 250.8700, -2.7500,
-5.2300

■ 131.0790,
-29.8850, -47.6210

■ 103.1110,
-32.9110, -47.8470

■ 72.5550, -43.0890,
-50.6170

■ 54.2150, -27.2720,
-45.4160

■ 39.3290, -18.4250,

-35.0410

■ 26.4150, -12.3750,
-23.5350

■ 8.8050, -4.1250,
-7.8450

■ 215.2810,
-27.6380, -49.7980

■ 215.2810,
-27.6380, -49.7980

■ 204.6570,
-35.1090, -63.0850

■ 225.6060,
-20.7630, -36.7230

■ 194.4460,
-42.3050, -75.8490

■ 236.1160,
-12.9710, -23.7470

■ 183.8220,
-49.7760, -89.1360

■ 246.4410, -6.0960,
-10.6720

■ 173.4970,
-56.6510, -102.2110

■ 255.0000, -0.0000,
-0.0000

■ 162.9870,
-64.4430, -115.1870

■ 152.6620,
-71.3180, -128.2620

■ 150.5970,
-72.6930, -130.8770

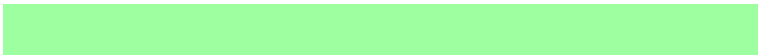
Harmonies

Analogous

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



224.0520, 27.4710, -40.8250



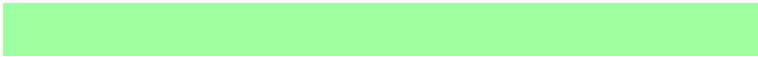
215.2810, -27.6380, -49.7980



190.1560, -107.8730, -54.9530

Triad

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



215.2810, -27.6380, -49.7980



201.6110, -89.0800, -26.5840



209.1900, 38.0520, 15.2360

Complementary

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



215.2810, -27.6380, -49.7980



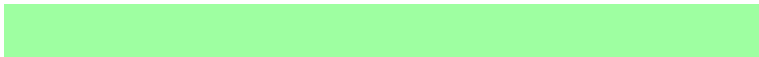
197.7190, 27.6380, 49.7980

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.



214.5140, 20.3050, 34.0090



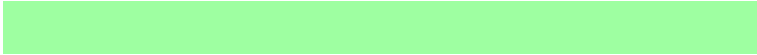
215.2810, -27.6380, -49.7980



224.8430, -15.3150, 7.7330

Square

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



215.2810, -27.6380, -49.7980



178.7550, -151.9800, -54.0600



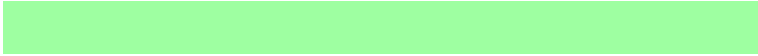
223.8890, 14.5750, 27.7190



212.4090, 49.6560, -7.8480

Rectangle

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



215.2810, -27.6380, -49.7980



178.7550, -151.9800, -54.0600



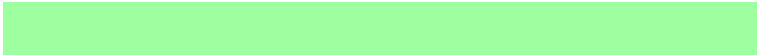
223.8890, 14.5750, 27.7190



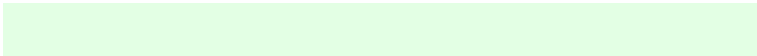
209.4810, 33.0990, 22.4030

Sweetspot

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



215.2810, -27.6380, -49.7980



243.5500, -8.0210, -14.3330



243.3440, 29.9450, -30.5910



120.9790, -4.6750, -8.8910



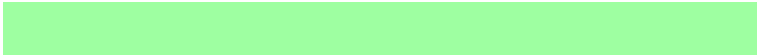
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

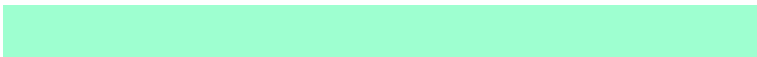
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.2810, -27.6380, -49.7980



207.0210, -33.1380, -60.2580



220.6390, -42.7250, -35.1810



122.6310, -3.5750, -6.7990



112.8010, -54.4510, -98.0270



37.7960, -18.2420, -32.8500

Inverse Universe

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



197.7190, 27.6380, 49.7980



185.8650, 33.4590, 59.9470



192.3610, 42.7250, 35.1810



120.2550, 3.8960, 6.4880



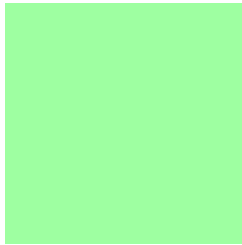
78.1990, 54.4510, 98.0270



26.2040, 18.2420, 32.8500

Previews

White Background



This preview shows how the YIQ color 215.2810, -27.6380, -49.7980 looks on a white background.

Color Contrast Check

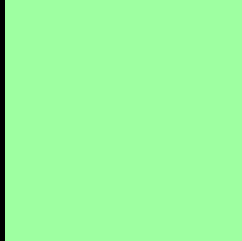
Large Text (above 18pt) WCAG AA × Fail

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 215.2810, -27.6380, -49.7980 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

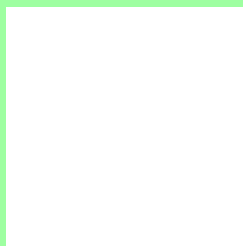
Any Text WCAG AAA ✓ Pass

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

YIQ 215.2810, -27.6380, -49.7980 Background



This preview shows how black text looks on a background with the YIQ color 215.2810, -27.6380, -49.7980.



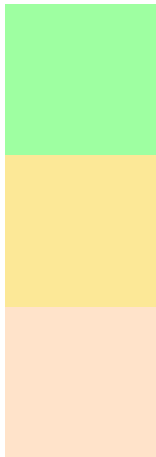
This preview shows how white text looks on a background with the YIQ color 215.2810, -27.6380, -49.7980.

-49.7980.

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

215.2810, -27.6380, -49.7980

Protanopia

228.7460, 37.9210, -20.9510

Deuteranopia

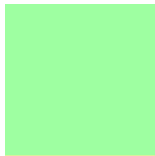
232.5220, 24.7130, -1.8390



Tritanopia

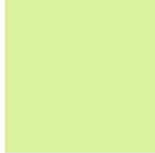
227.6570, -32.8270, -5.2990

Trichromacy



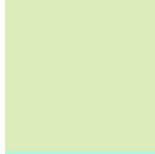
Original Color

215.2810, -27.6380, -49.7980



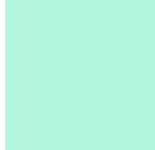
Protanomaly

223.7320, 14.1730, -31.0990



Deuteranomaly

226.2170, 5.9180, -19.1540



Tritanomaly

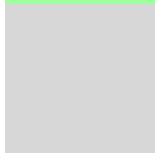
222.8290, -31.0360, -21.2440

Monochromacy



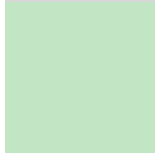
Original Color

215.2810, -27.6380, -49.7980



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

215.2460, -10.2210, -18.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.2810, -27.6380, -49.7980 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(158, 255, 161)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 161)  
}
```

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(158, 255, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 161) }
```

Border

The CSS property to change the border of an element to YIQ 215.2810, -27.6380, -49.7980 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(158, 255, 161) }
```


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

```
.border{ border-color:rgb(158, 255, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 255, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 161);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 215.2810, -27.6380, -49.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 255, 161) }
```

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

```
.background{ background-color: rgb(158,  
255, 161) }
```

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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