

Converting Colors

YIQ(219.8220, -13.1040,
-48.8800)

Have a look what the booklet for
YIQ(219.8220, -13.1040, -48.8800)
contains.

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Color

**YIQ(219.8220, -13.1040,
-48.8800)**

Conversions

Conversions Part 1

Format	Color
Hex	B1FF97
RGB	177, 255, 151
RGB Percent	69%, 100%, 59%
CMY	0.3061, 0.0000, 0.4078
CMYK	0.31, 0.00, 0.41, 0.00
HSL	105°, 100%, 80%
HSV	105°, 41%, 100%
XYZ	59.4634, 83.0942, 42.1860
YIQ	219.8220, -13.1040, -48.8800

Conversions

Conversions Part 2

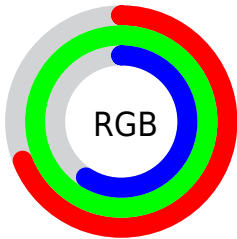
Format	Color
RYB	151, 255, 229
Decimal	11665303
CIELab	93.06, -42.43, 42.22
CIElCh	93, 59.861, 135.141
Yxy	83.0942, 0.3219, 0.4498
Android (android.graphics.Color)	4289855383 (0xFFB1FF97)
YUV	219.8220, -33.9292, -37.5549
Hunter-Lab	91.1560, -43.0829, 36.3705

Details

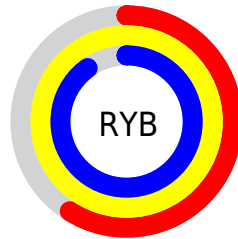
The YIQ color **219.8220, -13.1040, -48.8800** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **186.1780, 13.1040, 48.8800**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.4340, 3.8090, -19.4790**, and **163.5770, -13.7920, -47.4240** is the 20% darker color. If you saturate the color by 10%, you get **211.2910, -16.4030, -60.6830**, and if you desaturate by 10%, it is **228.4670, -10.1260, -36.7660**.

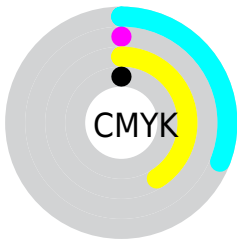
Distribution



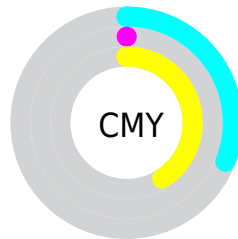
- Red (69%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (90%)



- Cyan (31%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)




- Cyan (31%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.8220, -13.1040, -48.8800 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 219.8220, -13.1040, -48.8800 by changing the saturation by 10% instead.


 219.8220,
-13.1040, -48.8800


 219.8220,
-13.1040, -48.8800


255.0000, -0.0000,
-0.0000


 191.3490,
-13.1500, -48.0460


 243.4340, 3.8090,
-19.4790


 163.5770,
-13.7920, -47.4240

 252.7200, 6.4200,
-6.2200

 136.2180,
-14.1590, -46.2790

 109.1470,
-15.3970, -45.8690

 81.8370, -17.4600,
-47.0280

 54.0040, -25.3000,
-48.1160

 39.3290, -18.4250,

-35.0410

■ 26.4150, -12.3750,
-23.5350

■ 11.1530, -5.2250,
-9.9370

■ 219.8220,
-13.1040, -48.8800

■ 219.8220,
-13.1040, -48.8800

■ 211.2910,
-16.4030, -60.6830

■ 228.4670,
-10.1260, -36.7660

■ 202.6460,
-19.3810, -72.7970

■ 236.9980, -6.8270,
-24.9630

■ 194.1150,
-22.6800, -84.6000

■ 245.6430, -3.8490,
-12.8490

■ 185.1710,
-26.2540, -96.9260

■ 254.4730, 0.0460,
-0.8340

■ 176.6400, 255.0000, -0.0000,
-29.5530, -108.7290 -0.0000

■ 168.8210,
-31.9810, -119.7970

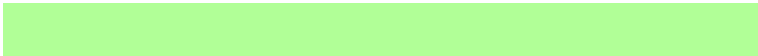
Harmonies

Analogous

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



227.5050, 39.4370, -37.4190



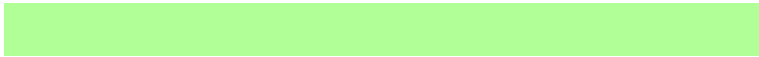
219.8220, -13.1040, -48.8800



199.5520, -82.5650, -51.0530

Triad

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



219.8220, -13.1040, -48.8800



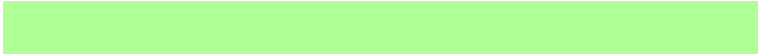
189.8840, -121.1260, -40.5340



210.3130, 33.5120, 20.4240

Complementary

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



219.8220, -13.1040, -48.8800



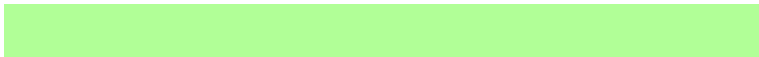
186.1780, 13.1040, 48.8800

Split Complementary

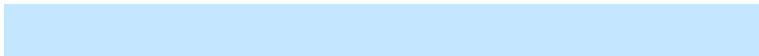
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.4320, 17.6000, 33.4720



219.8220, -13.1040, -48.8800



222.6730, -29.7560, -0.3800

Square

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



219.8220, -13.1040, -48.8800



178.7550, -151.9800, -54.0600



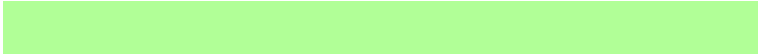
227.9980, 12.6500, 24.0580



212.0160, 46.6290, -2.5470

Rectangle

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



219.8220, -13.1040, -48.8800



177.3870, -148.1280, -57.7920



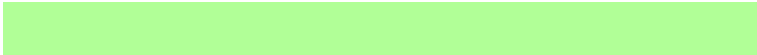
227.9980, 12.6500, 24.0580



211.8920, 27.6880, 26.8560

Sweetspot

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



219.8220, -13.1040, -48.8800



244.5890, -3.7570, -14.5170



227.8820, 40.5340, -18.7460



121.7620, -2.5660, -8.5660



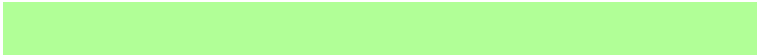
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

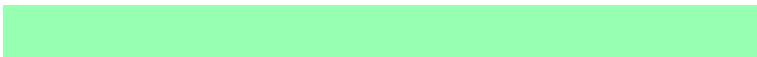
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.8220, -13.1040, -48.8800



212.6440, -15.8990, -58.8030



215.0120, -36.9460, -46.3060



123.5280, -1.7870, -6.1630



126.4690, -23.9170, -89.7170



42.3520, -8.0640, -30.0800

Inverse Universe

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



186.1780, 13.1040, 48.8800



172.3560, 15.8990, 58.8030



190.9880, 36.9460, 46.3060



119.1730, 1.1910, 5.9510



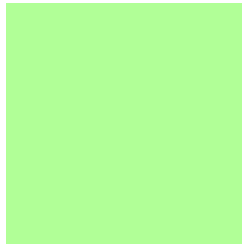
64.8300, 24.5130, 89.9290



21.6480, 8.0640, 30.0800

Previews

White Background



This preview shows how the YIQ color 219.8220, -13.1040, -48.8800 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 219.8220, -13.1040, -48.8800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

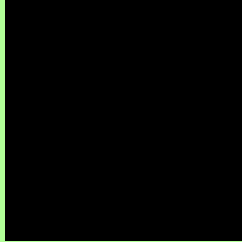
Any Text WCAG AA ✓ Pass

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 219.8220, -13.1040, -48.8800 Background



This preview shows how black text looks on a background with the YIQ color 219.8220, -13.1040, -48.8800.



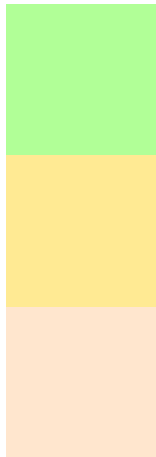
This preview shows how white text looks on a background with the YIQ color 219.8220, -13.1040, -48.8800.

-48.8800.

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

219.8220, -13.1040, -48.8800

Protanopia

230.3610, 40.4430, -22.6050

Deuteranopia

234.7390, 22.6040, -2.1640



Tritanopia

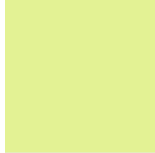
231.5440, -25.0790, -2.5430

Trichromacy



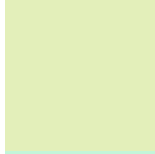
Original Color

219.8220, -13.1040, -48.8800



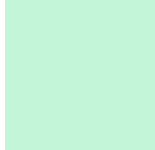
Protanomaly

226.7990, 21.2340, -32.4140



Deuteranomaly

229.3700, 9.8610, -19.0270



Tritanomaly

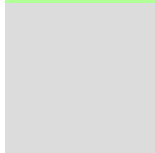
226.8580, -20.8120, -19.3080

Monochromacy



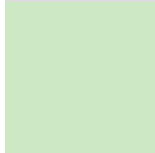
Original Color

219.8220, -13.1040, -48.8800



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

219.9970, -5.0860, -17.9660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.8220, -13.1040, -48.8800 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(177, 255, 151)` looks like.

```
.text, #text, p{  
    color:rgb(177, 255, 151)  
}
```

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(177, 255, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 255, 151) }
```

Border

The CSS property to change the border of an element to YIQ 219.8220, -13.1040, -48.8800 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(177, 255, 151) }
```


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

```
.border{ border-color:rgb(177, 255, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 255, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 255, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 255, 151);  
box-shadow:4px 4px 4px 4px rgb(177, 255,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 219.8220, -13.1040, -48.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 255, 151) }
```

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

```
.background{ background-color: rgb(177,  
255, 151) }
```

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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