

Converting Colors

YIQ(216.6580, -18.5140,
-49.9540)

Have a look what the booklet for
YIQ(216.6580, -18.5140, -49.9540)
contains.

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Color

**YIQ(216.6580, -18.5140,
-49.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	A8FE98
RGB	168, 254, 152
RGB Percent	66%, 100%, 60%
CMY	0.3414, 0.0038, 0.4039
CMYK	0.34, 0.00, 0.40, 0.00
HSL	111°, 98%, 80%
HSV	111°, 40%, 100%
XYZ	57.2547, 81.4908, 42.4180
YIQ	216.6580, -18.5140, -49.9540

Conversions

Conversions Part 2

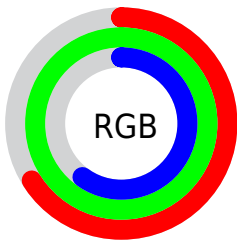
Format	Color
RYB	152, 254, 238
Decimal	11075224
CIELab	92.35, -44.75, 40.74
CIELCh	92, 60.517, 137.686
Yxy	81.4908, 0.3160, 0.4498
Android (android.graphics.Color)	4289265304 (0xFFA8FE98)
YUV	216.6580, -31.8764, -42.6731
Hunter-Lab	90.2722, -44.7637, 35.3308

Details

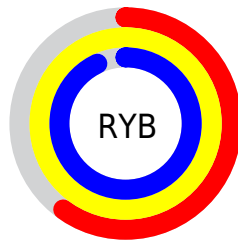
The YIQ color **216.6580, -18.5140, -49.9540** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **189.3420, 18.5140, 49.9540**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.8570, -1.8760, -21.0760**, and **160.4130, -19.2020, -48.4980** is the 20% darker color. If you saturate the color by 10%, you get **207.2300, -23.6010, -62.3930**, and if you desaturate by 10%, it is **225.7870, -14.0230, -37.7270**.

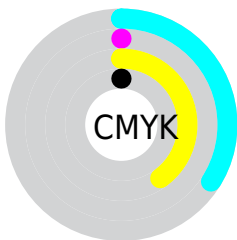
Distribution



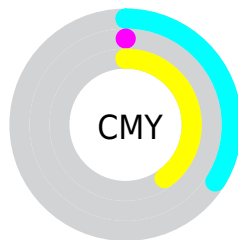
- Red (66%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (93%)



- Cyan (34%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.6580, -18.5140, -49.9540 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 216.6580, -18.5140, -49.9540 by changing the saturation by 10% instead.

■ 216.6580,
-18.5140, -49.9540

■ 216.6580,
-18.5140, -49.9540

■ 255.0000, -0.0000,
-0.0000

■ 188.1850,
-18.5600, -49.1200

■ 240.8570, -1.8760,
-21.0760

■ 160.4130,
-19.2020, -48.4980

■ 252.8340, 6.0990,
-5.9090

■ 132.7550,
-20.1650, -47.5650

■ 105.3850,
-21.9990, -47.3670

■ 76.9930, -26.7670,
-49.0630

■ 53.4170, -25.0250,
-47.5930

■ 38.7420, -18.1500,

-34.5180

■ 25.8280, -12.1000,
-23.0120

■ 8.8050, -4.1250,
-7.8450

■ 216.6580,
-18.5140, -49.9540

■ 216.6580,
-18.5140, -49.9540

■ 207.2300,
-23.6010, -62.3930

■ 225.7870,
-14.0230, -37.7270

■ 197.9870,
-27.7710, -74.9310

■ 235.3290, -9.2570,
-24.9770

■ 188.8580,
-32.2620, -87.1580

■ 244.4580, -4.7660,
-12.7500

■ 179.3160,
-37.0280, -99.9080

■ 254.0000, -0.0000,
-0.0000

■ 170.1870, 254.4130, 0.2750,
-41.5190, -112.1350 0.5230

■ 161.0580,
-46.0100, -124.3620

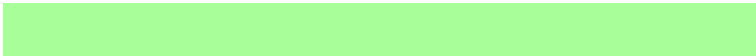
Harmonies

Analogous

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



224.8850, 35.3110, -39.7370



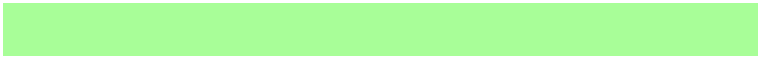
216.6580, -18.5140, -49.9540



194.3980, -93.9350, -54.2470

Triad

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



216.6580, -18.5140, -49.9540



191.4120, -113.7450, -36.6330



208.3410, 36.3090, 19.2930

Complementary

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



216.6580, -18.5140, -49.9540



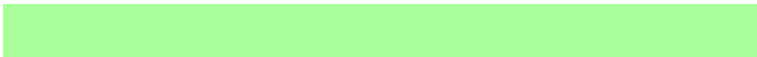
189.3420, 18.5140, 49.9540

Split Complementary

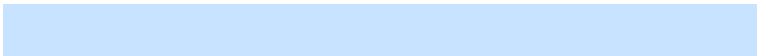
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.6710, 18.4250, 35.0410



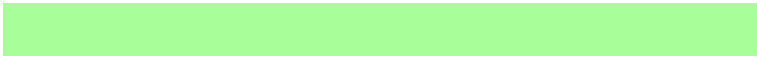
216.6580, -18.5140, -49.9540



221.8200, -25.6760, 2.7720

Square

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



216.6580, -18.5140, -49.9540



178.7550, -151.9800, -54.0600



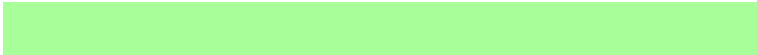
225.6500, 13.7500, 26.1500



210.6310, 49.1510, -4.2010

Rectangle

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



216.6580, -18.5140, -49.9540



177.8430, -149.4120, -56.5480



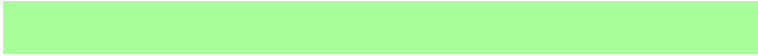
225.6500, 13.7500, 26.1500



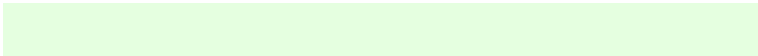
209.9200, 30.4850, 25.7250

Sweetspot

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



216.6580, -18.5140, -49.9540



243.6920, -5.5450, -15.1530



232.3930, 37.4170, -22.8310



121.1640, -3.7580, -8.9900



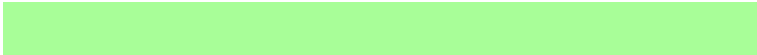
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

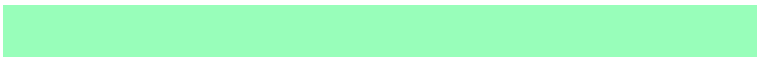
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.6580, -18.5140, -49.9540



210.2950, -22.2260, -59.7780



215.7500, -38.9640, -42.7720



123.2290, -2.3830, -6.3750



121.0870, -34.6450, -93.5330



40.5580, -11.6400, -31.3520

Inverse Universe

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



189.3420, 18.5140, 49.9540



177.7050, 22.2260, 59.7780



190.2500, 38.9640, 42.7720



119.7710, 2.3830, 6.3750



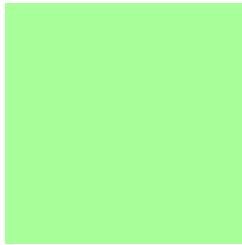
69.9130, 34.6450, 93.5330



23.4420, 11.6400, 31.3520

Previews

White Background



This preview shows how the YIQ color 216.6580, -18.5140, -49.9540 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 216.6580, -18.5140, -49.9540 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

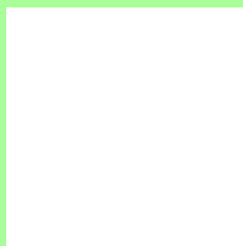
Any Text WCAG AAA ✓ Pass

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

YIQ 216.6580, -18.5140, -49.9540 Background



This preview shows how black text looks on a background with the YIQ color 216.6580, -18.5140, -49.9540.



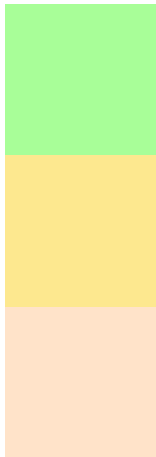
This preview shows how white text looks on a background with the YIQ color 216.6580, -18.5140, -49.9540.

-49.9540.

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

216.6580, -18.5140, -49.9540

Protanopia

228.1330, 41.0850, -23.2270

Deuteranopia

232.4080, 25.0340, -2.1500



Tritanopia

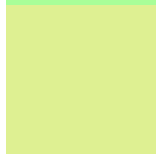
228.2660, -30.1680, -3.9280

Trichromacy



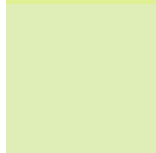
Original Color

216.6580, -18.5140, -49.9540



Protanomaly

223.9020, 19.4460, -33.0500



Deuteranomaly

226.6580, 8.9900, -19.7620



Tritanomaly

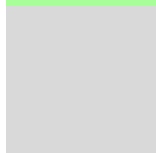
223.6940, -26.2220, -20.3820

Monochromacy



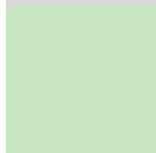
Original Color

216.6580, -18.5140, -49.9540



Achromatopsia

217.0000, -0.0000, 0.0000



Achromatomaly

216.5130, -6.5990, -18.0790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.6580, -18.5140, -49.9540 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(168, 254, 152)` looks like.

```
.text, #text, p{  
    color:rgb(168, 254, 152)  
}
```

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(168, 254, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 254, 152) }
```

Border

The CSS property to change the border of an element to YIQ 216.6580, -18.5140, -49.9540 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(168, 254, 152) }
```


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

```
.border{ border-color:rgb(168, 254, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 254, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 254, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 254, 152);  
box-shadow:4px 4px 4px 4px rgb(168, 254,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 216.6580, -18.5140, -49.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 254, 152) }
```

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

```
.background{ background-color: rgb(168,  
254, 152) }
```

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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