

Converting Colors

YIQ(216.5760, -21.2190,
-50.4910)

Have a look what the booklet for
YIQ(216.5760, -21.2190, -50.4910)
contains.

YIQ(216.5760, -21.2190, -50.4910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(216.5760, -21.2190,
-50.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	A5FF9A
RGB	165, 255, 154
RGB Percent	65%, 100%, 60%
CMY	0.3532, 0.0000, 0.3961
CMYK	0.35, 0.00, 0.40, 0.00
HSL	114°, 100%, 80%
HSV	114°, 40%, 100%
XYZ	57.0950, 81.8448, 43.3596
YIQ	216.5760, -21.2190, -50.4910

Conversions

Conversions Part 2

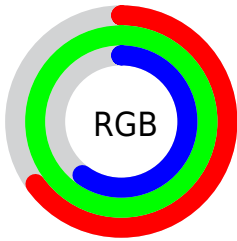
Format	Color
RYB	154, 255, 244
Decimal	10878874
CIELab	92.51, -45.82, 39.94
CIElCh	93, 60.781, 138.923
Yxy	81.8448, 0.3132, 0.4490
Android (android.graphics.Color)	4289068954 (0xFFA5FF9A)
YUV	216.5760, -30.8500, -45.2322
Hunter-Lab	90.4681, -45.6668, 34.9112

Details

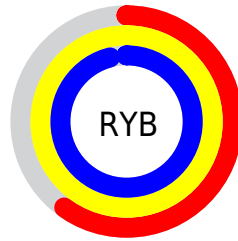
The YIQ color **216.5760, -21.2190, -50.4910** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **192.4240, 21.2190, 50.4910**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1880, -4.3060, -21.0900**, and **160.3310, -21.9070, -49.0350** is the 20% darker color. If you saturate the color by 10%, you get **206.8490, -26.9020, -63.1420**, and if you desaturate by 10%, it is **226.4170, -15.8570, -37.5290**.

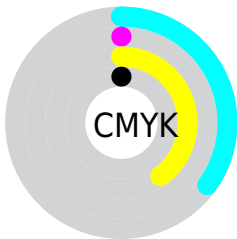
Distribution



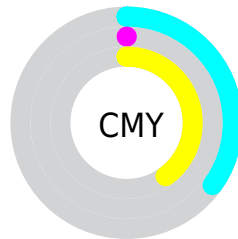
- Red (65%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (96%)



- Cyan (35%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.5760, -21.2190, -50.4910 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 216.5760, -21.2190, -50.4910 by changing the saturation by 10% instead.

■ 216.5760,
-21.2190, -50.4910

■ 216.5760,
-21.2190, -50.4910

■ 255.0000, -0.0000,
-0.0000

■ 188.1030,
-21.2650, -49.6570

■ 240.1880, -4.3060,
-21.0900

■ 160.3310,
-21.9070, -49.0350

■ 252.1650, 3.6690,
-5.9230

■ 132.6730,
-22.8700, -48.1020

■ 105.0040,
-25.3000, -48.1160

■ 75.5300, -32.7730,
-50.3490

■ 53.4170, -25.0250,
-47.5930

■ 39.3290, -18.4250,

-35.0410

■ 26.4150, -12.3750,
-23.5350

■ 9.3920, -4.4000,
-8.3680

■ 216.5760,
-21.2190, -50.4910

■ 216.5760,
-21.2190, -50.4910

■ 206.8490,
-26.9020, -63.1420

■ 226.4170,
-15.8570, -37.5290

■ 197.0080,
-32.2640, -76.1040

■ 235.8450,
-10.7700, -25.0900

■ 187.5800,
-37.3510, -88.5430

■ 245.6860, -5.4080,
-12.1280

■ 177.7390,
-42.7130, -101.5050

255.0000, -0.0000,
-0.0000

■ 168.0120,
-48.3960, -114.1560

■ 158.1710,
-53.7580, -127.1180

■ 158.0570,
-53.4370, -127.4290

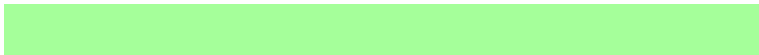
Harmonies

Analogous

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



224.9880, 33.5230, -40.3730



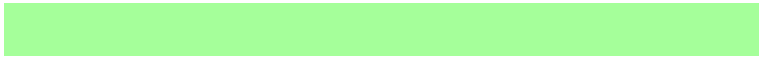
216.5760, -21.2190, -50.4910



192.3480, -99.6660, -55.0100

Triad

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



216.5760, -21.2190, -50.4910



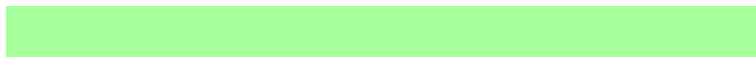
194.1030, -108.3810, -34.7250



208.7000, 36.6760, 18.1480

Complementary

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



216.5760, -21.2190, -50.4910



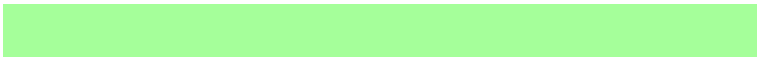
192.4240, 21.2190, 50.4910

Split Complementary

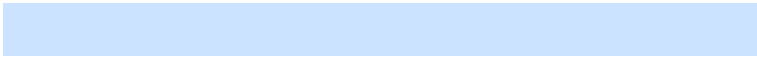
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.0840, 18.7000, 35.5640



216.5760, -21.2190, -50.4910



223.3150, -22.6960, 3.8320

Square

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



216.5760, -21.2190, -50.4910



178.7550, -151.9800, -54.0600



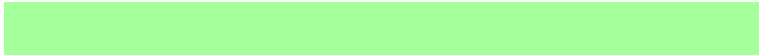
225.0630, 14.0250, 26.6730



211.6910, 48.9220, -5.5580

Rectangle

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



216.5760, -21.2190, -50.4910



178.1850, -150.3750, -55.6150



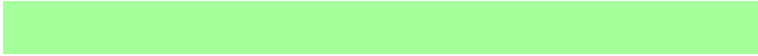
225.0630, 14.0250, 26.6730



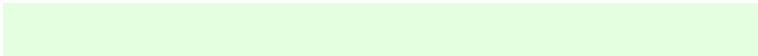
209.6920, 31.1270, 25.1030

Sweetspot

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



216.5760, -21.2190, -50.4910



243.3930, -6.1410, -15.3650



236.4420, 35.7210, -25.1350



121.1640, -3.7580, -8.9900



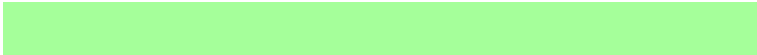
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

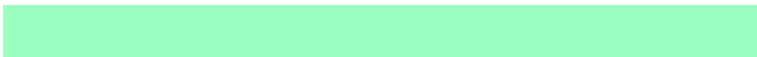
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.5760, -21.2190, -50.4910



208.5010, -25.8020, -61.0500



217.7330, -40.2940, -40.6940



122.9300, -2.9790, -6.5870



118.3960, -40.0090, -95.4410



39.6610, -13.4280, -31.9880

Inverse Universe

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



192.4240, 21.2190, 50.4910



179.4990, 25.8020, 61.0500



191.2670, 40.2940, 40.6940



119.7710, 2.3830, 6.3750



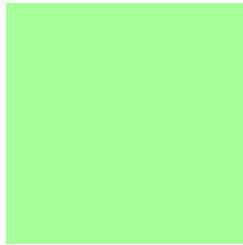
72.9030, 40.6050, 95.6530



24.3390, 13.4280, 31.9880

Previews

White Background



This preview shows how the YIQ color 216.5760, -21.2190, -50.4910 looks on a white background.

Color Contrast Check

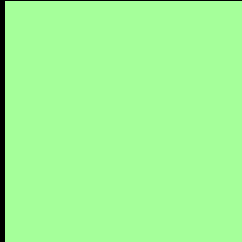
Large Text (above 18pt) WCAG AA × Fail

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 216.5760, -21.2190, -50.4910 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

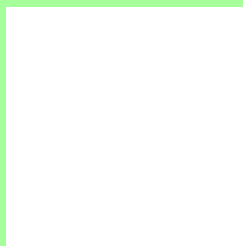
Any Text WCAG AAA ✓ Pass

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

YIQ 216.5760, -21.2190, -50.4910 Background



This preview shows how black text looks on a background with the YIQ color 216.5760, -21.2190, -50.4910.



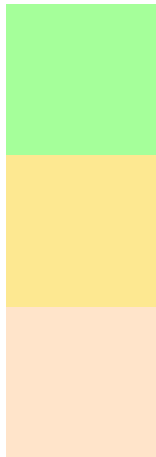
This preview shows how white text looks on a background with the YIQ color 216.5760, -21.2190, -50.4910.

-50.4910.

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

216.5760, -21.2190, -50.4910

Protanopia

228.3610, 40.4430, -22.6050

Deuteranopia

233.1090, 24.4380, -2.3620



Tritanopia

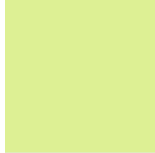
228.8530, -30.4430, -4.4510

Trichromacy



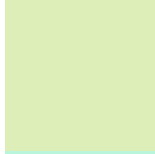
Original Color

216.5760, -21.2190, -50.4910



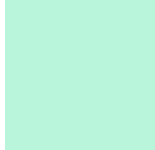
Protanomaly

223.8310, 18.2080, -32.6400



Deuteranomaly

227.1740, 7.4770, -19.8750



Tritanomaly

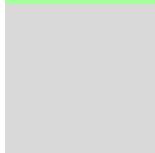
223.9820, -27.0930, -21.1170

Monochromacy



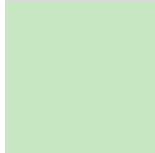
Original Color

216.5760, -21.2190, -50.4910



Achromatopsia

217.0000, -0.0000, 0.0000



Achromatomaly

216.9150, -7.7910, -18.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.5760, -21.2190, -50.4910 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(165, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(165, 255, 154)  
}
```

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(165, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 255, 154) }
```

Border

The CSS property to change the border of an element to YIQ 216.5760, -21.2190, -50.4910 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(165, 255, 154) }
```


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

```
.border{ border-color:rgb(165, 255, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 255, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(165, 255,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 216.5760, -21.2190, -50.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 255, 154) }
```

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

```
.background{ background-color: rgb(165,  
255, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor