

Converting Colors

YIQ(219.1720, -42.9080,
-37.3720)

Have a look what the booklet for
YIQ(219.1720, -42.9080, -37.3720)
contains.

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Color

**YIQ(219.1720, -42.9080,
-37.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFFCB
RGB	155, 255, 203
RGB Percent	61%, 100%, 80%
CMY	0.3924, 0.0000, 0.2040
CMYK	0.39, 0.00, 0.20, 0.00
HSL	149°, 100%, 80%
HSV	149°, 39%, 100%
XYZ	60.0399, 82.7920, 69.2952
YIQ	219.1720, -42.9080, -37.3720

Conversions

Conversions Part 2

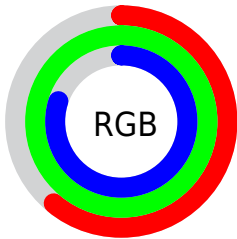
Format	Color
RYB	155, 223, 255
Decimal	10223563
CIELab	92.92, -40.48, 15.77
CIElCh	93, 43.446, 158.722
Yxy	82.7920, 0.2830, 0.3903
Android (android.graphics.Color)	4288413643 (0xFF9BFFCB)
YUV	219.1720, -7.9728, -56.2788
Hunter-Lab	90.9901, -41.4493, 18.5396

Details

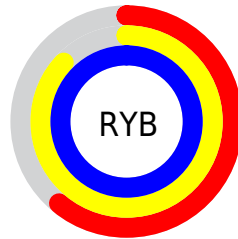
The YIQ color **219.1720, -42.9080, -37.3720** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **190.8280, 42.9080, 37.3720**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **242.4420, -25.0320, -8.9040**, and **162.8130, -43.2750, -36.2270** is the 20% darker color. If you saturate the color by 10%, you get **209.9160, -54.2310, -46.9270**, and if you desaturate by 10%, it is **228.1290, -32.1810, -28.0290**.

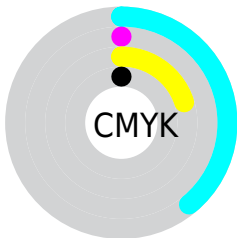
Distribution



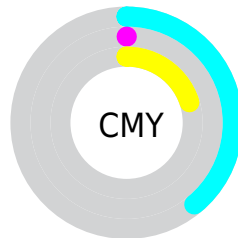
- Red (61%)
- Green (100%)
- Blue (80%)



- Red (61%)
- Yellow (87%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.1720, -42.9080, -37.3720 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 219.1720, -42.9080, -37.3720 by changing the saturation by 10% instead.


 219.1720,
-42.9080, -37.3720


 219.1720,
-42.9080, -37.3720


255.0000, -0.0000,
-0.0000


 190.5850,
-42.6330, -36.8490


 242.4420,
-25.0320, -8.9040


 162.8130,
-43.2750, -36.2270

 251.1130, -7.7480,
-2.7560

 134.7420,
-44.5130, -35.8170

 106.4750,
-48.1350, -36.2550

 77.1150, -55.9290,
-38.1770

 59.8180, -41.6710,
-32.2550

 42.7490, -28.0550,

-25.7110

■ 26.5120, -14.0260,
-21.1460

■ 10.5660, -4.9500,
-9.4140

■ 219.1720,
-42.9080, -37.3720

■ 219.1720,
-42.9080, -37.3720

■ 209.9160,
-54.2310, -46.9270

■ 228.1290,
-32.1810, -28.0290

■ 200.8450,
-64.6370, -56.5810

■ 237.3850,
-20.8580, -18.4740

■ 191.5890,
-75.9600, -66.1360

■ 246.4560,
-10.4520, -8.8200

■ 182.6320,
-86.6870, -75.4790

255.0000, -0.0000,
-0.0000

■ 173.3760,
-98.0100, -85.0340

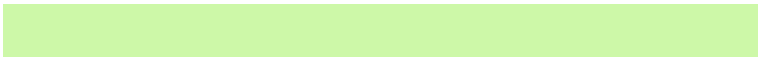
■ 164.3050,
-108.4160, -94.6880

■ 163.5930,
-109.2870, -95.4230

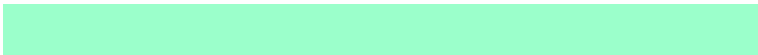
Harmonies

Analogous

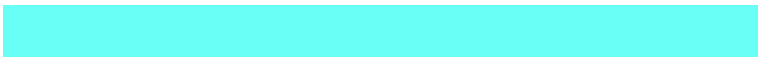
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.0230, 0.0520, -33.9960



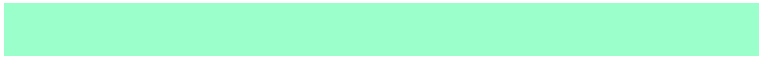
219.1720, -42.9080, -37.3720



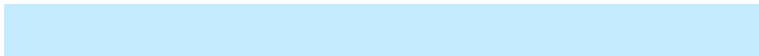
209.1240, -86.5110, -34.5990

Triad

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



219.1720, -42.9080, -37.3720



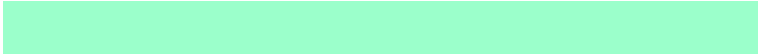
225.6190, -29.6640, -2.0480



219.9040, 35.4410, 1.9770

Complementary

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



219.1720, -42.9080, -37.3720



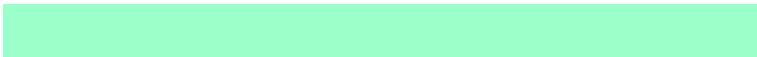
190.8280, 42.9080, 37.3720

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.



220.9420, 24.2510, 17.5550



219.1720, -42.9080, -37.3720



233.8680, 9.9000, 18.8280

Square

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



219.1720, -42.9080, -37.3720



212.9290, -72.3000, -22.3160



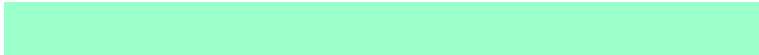
226.8240, 13.2000, 25.1040



224.4570, 40.5330, -13.2190

Rectangle

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



219.1720, -42.9080, -37.3720



203.8710, -101.9160, -36.2520



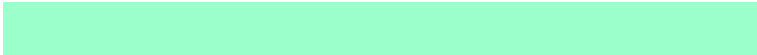
226.8240, 13.2000, 25.1040



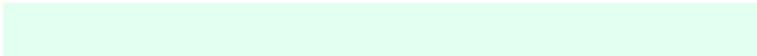
219.6250, 32.0930, 7.5890

Sweetspot

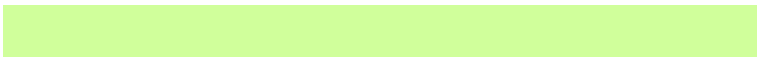
The Sweet Spot groups the original color and five complimentary colors.



219.1720, -42.9080, -37.3720



243.9070, -13.3400, -11.5480



229.5470, 4.0880, -41.0640



121.4780, -7.5180, -6.9260



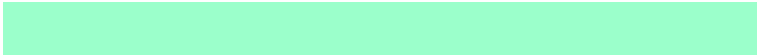
0.0000, 0.0000, 0.0000



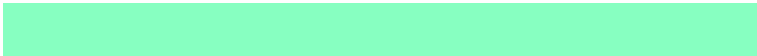
128.0000, -0.0000, -0.0000

Same Dimension

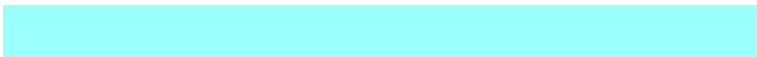
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.1720, -42.9080, -37.3720



212.0520, -51.6180, -44.7220



224.7580, -58.6370, -22.1330



123.3150, -5.5010, -4.9330



122.6050, -82.0570, -71.2810



41.1020, -27.5510, -23.8310

Inverse Universe

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



190.8280, 42.9080, 37.3720



177.9480, 51.6180, 44.7220



185.2420, 58.6370, 22.1330



119.5710, 5.8220, 4.6220



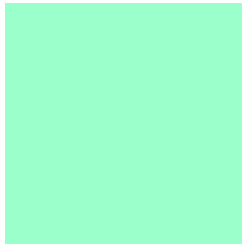
68.3950, 82.0570, 71.2810



22.8980, 27.5510, 23.8310

Previews

White Background



This preview shows how the YIQ color 219.1720, -42.9080, -37.3720 looks on a white background.

Color Contrast Check

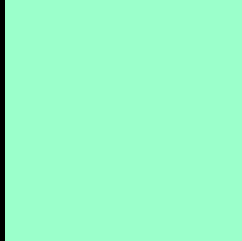
Large Text (above 18pt) WCAG AA × Fail

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 219.1720, -42.9080, -37.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

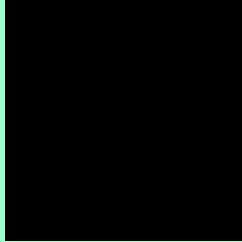
Any Text WCAG AA ✓ Pass

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 219.1720, -42.9080, -37.3720 Background



This preview shows how black text looks on a background with the YIQ color 219.1720, -42.9080, -37.3720.



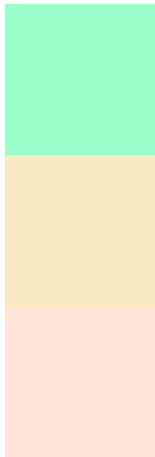
This preview shows how white text looks on a background with the YIQ color 219.1720, -42.9080, -37.3720.

-37.3720.

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

219.1720, -42.9080, -37.3720

Protanopia

232.5120, 21.5050, -9.7830

Deuteranopia

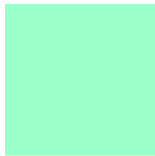
234.9330, 19.3020, 2.6140



Tritanopia

229.4290, -32.1850, -5.9210

Trichromacy



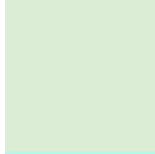
Original Color

219.1720, -42.9080, -37.3720



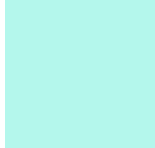
Protanomaly

227.7970, -1.6470, -19.7190



Deuteranomaly

229.4690, -3.2990, -11.8030



Tritanomaly

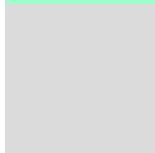
225.7130, -36.4010, -17.6250

Monochromacy



Original Color

219.1720, -42.9080, -37.3720



Achromatopsia

219.0000, 0.0000, -0.0000



Achromatomaly

219.0700, -15.3570, -13.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.1720, -42.9080, -37.3720 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, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 203)  
}
```

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, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 203) }
```

Border

The CSS property to change the border of an element to YIQ 219.1720, -42.9080, -37.3720 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, 255, 203) }
```


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

```
.border{ border-color:rgb(155, 255, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 219.1720, -42.9080, -37.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 203) }
```

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

```
.background{ background-color: rgb(155,  
255, 203) }
```

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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