

Converting Colors

YIQ(221.1220, -56.6660,
-19.3060)

Have a look what the booklet for
YIQ(221.1220, -56.6660, -19.3060)
contains.

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Color

**YIQ(221.1220, -56.6660,
-19.3060)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BF9FB |
| RGB | 155, 249, 251 |
| RGB Percent | 61%, 98%, 98% |
| CMY | 0.3924, 0.0234, 0.0159 |
| CMYK | 0.38, 0.01, 0.00, 0.02 |
| HSL | 181°, 92%, 80% |
| HSV | 181°, 38%, 98% |
| XYZ | 64.7981, 81.7001, 103.5736 |
| YIQ | 221.1220, -56.6660, -19.3060 |

Conversions

Conversions Part 2

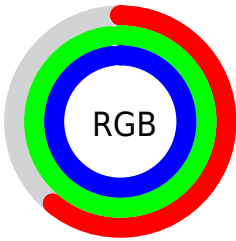
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 155, 202, 251 |
| Decimal | 10222075 |
| CIE _{Lab} | 92.44, -27.36, -9.73 |
| CIE _{LCh} | 92, 29.041, 199.565 |
| Y _{xy} | 81.7001, 0.2591, 0.3267 |
| Android (android.graphics.Color) | 4288412155 (0xFF9BF9FB) |
| YUV | 221.1220, 14.7299, -57.9890 |
| Hunter-Lab | 90.3881, -30.2149, -4.6673 |

Details

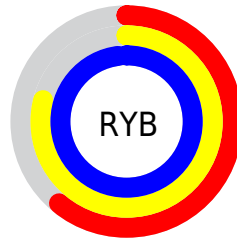
The YIQ color **221.1220, -56.6660, -19.3060** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **184.8780, 56.6660, 19.3060**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4420, -25.0320, -8.9040**, and **164.2360, -56.9870, -18.9950** is the 20% darker color. If you saturate the color by 10%, you get **213.6470, -71.5660, -24.6060**, and if you desaturate by 10%, it is **229.1840, -42.0410, -14.5290**.

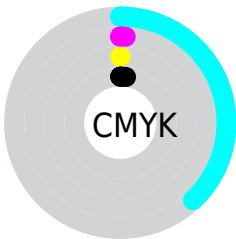
Distribution



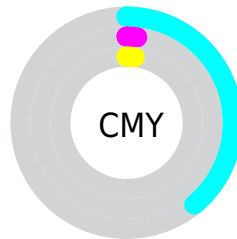
- Red (61%)
- Green (98%)
- Blue (98%)



- Red (61%)
- Yellow (79%)
- Blue (98%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.1220, -56.6660, -19.3060 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 221.1220, -56.6660, -19.3060 by changing the saturation by 10% instead.

221.1220,
-56.6660, -19.3060

221.1220,
-56.6660, -19.3060

255.0000, -0.0000,
-0.0000

192.1220,
-56.6660, -19.3060

242.4420,
-25.0320, -8.9040

163.8230,
-57.2620, -19.5180

251.4120, -7.1520,
-2.5440

136.2250,
-58.4540, -19.9420

106.9470,
-63.5430, -21.3270

79.4410, -67.9900,
-23.3340

62.0300, -53.4110,
-17.7230

45.2060, -39.1070,

-12.6350

■ 29.1970, -25.7200,
-7.4480

■ 12.8290, -12.7000,
-1.1160

■ 221.1220,
-56.6660, -19.3060

■ 221.1220,
-56.6660, -19.3060

■ 213.6470,
-71.5660, -24.6060

■ 229.1840,
-42.0410, -14.5290

■ 205.5850,
-86.1910, -29.3830

■ 236.6590,
-27.1410, -9.2290

■ 198.1100,
-101.0910, -34.6830

■ 244.7210,
-12.5160, -4.4520

■ 190.0480,
-115.7160, -39.4600

■ 252.1960, 2.3840,
0.8480

■ 182.2740,
-131.2120, -44.9720

■ 252.7830, 2.1090,
0.3250

■ 174.2120,
-145.8370, -49.7490

■ 253.3700, 1.8340,
-0.1980

■ 173.0160,
-148.2210, -50.5970

■ 253.9570, 1.5590,
-0.7210

Harmonies

Analogous

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



223.1980, -36.6290, -24.5090



221.1220, -56.6660, -19.3060



221.0130, -54.7410, -15.6450

Triad

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



221.1220, -56.6660, -19.3060



234.4550, 9.6250, 18.3050



230.4870, 31.8210, -9.5150

Complementary

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



221.1220, -56.6660, -19.3060



184.8780, 56.6660, 19.3060

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.



226.6860, 30.1230, -0.7650



221.1220, -56.6660, -19.3060



229.6790, 14.8060, 18.0220

Square

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



221.1220, -56.6660, -19.3060



231.3550, -11.0050, 6.7150



226.4870, 23.7940, 9.3140



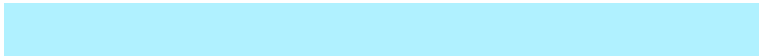
229.9040, 17.1050, -18.1510

Rectangle

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



221.1220, -56.6660, -19.3060



223.1610, -43.2340, -9.4260



226.4870, 23.7940, 9.3140



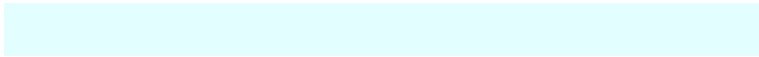
229.0680, 31.6830, -7.0130

Sweetspot

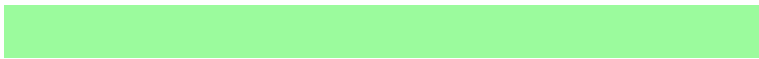
The Sweet Spot groups the original color and five complimentary colors.



221.1220, -56.6660, -19.3060



246.0410, -16.4130, -5.4130



211.5800, -27.0420, -49.5860



122.3300, -9.8570, -3.0810



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.



221.1220, -56.6660, -19.3060



218.8430, -69.1820, -23.7580



192.9460, -43.4660, 5.7980



121.1130, -7.7480, -2.7560



130.1410, -111.5440, -37.9760



42.1740, -36.0810, -12.4090

Inverse Universe

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



194.4200, 27.0420, 49.5860



186.0930, 32.8170, 60.5690



213.0540, 43.4660, -5.7980



117.3690, 3.5750, 6.7990



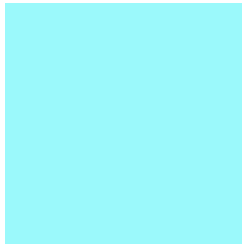
77.6010, 53.2590, 97.6030



25.0790, 17.0960, 31.5920

Previews

White Background



This preview shows how the YIQ color 221.1220, -56.6660, -19.3060 looks on a white background.

Color Contrast Check

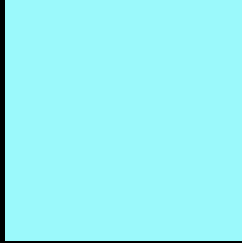
Large Text (above 18pt) WCAG AA × Fail

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 221.1220, -56.6660, -19.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

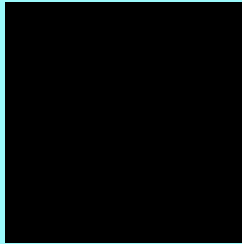
Any Text WCAG AA ✓ Pass

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 221.1220, -56.6660, -19.3060 Background



This preview shows how black text looks on a background with the YIQ color 221.1220, -56.6660, -19.3060.



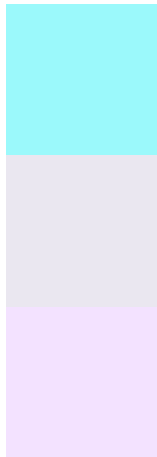
This preview shows how white text looks on a background with the YIQ color 221.1220, -56.6660, -19.3060.

-19.3060.

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

221.1220, -56.6660, -19.3060

Protanopia

232.9230, -1.1010, 3.4350

Deuteranopia

234.3890, 0.8230, 12.6230



Tritanopia

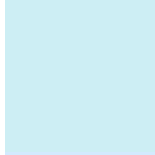
227.6350, -35.7610, -7.1930

Trichromacy



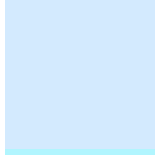
Original Color

221.1220, -56.6660, -19.3060



Protanomaly

228.8170, -21.5940, -5.1300



Deuteranomaly

229.4030, -20.1280, 1.3440



Tritanomaly

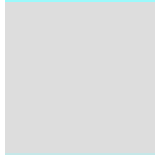
225.6940, -43.4170, -11.6170

Monochromacy



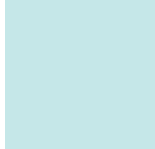
Original Color

221.1220, -56.6660, -19.3060



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.9480, -20.5850, -6.8970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.1220, -56.6660, -19.3060 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, 249, 251)` looks like.

```
.text, #text, p{  
    color:rgb(155, 249, 251)  
}
```

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, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 249, 251) }
```

Border

The CSS property to change the border of an element to YIQ 221.1220, -56.6660, -19.3060 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, 249, 251) }
```


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

```
.border{ border-color:rgb(155, 249, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 249, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(155, 249,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 221.1220, -56.6660, -19.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 249, 251) }
```

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

```
.background{ background-color: rgb(155,  
249, 251) }
```

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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