

Converting Colors

YIQ(221.4070, -53.4550,
-27.9430)

Have a look what the booklet for
YIQ(221.4070, -53.4550, -27.9430)
contains.

YIQ(221.4070, -53.4550, -27.9430)	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(221.4070, -53.4550,
-27.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	99FEE9
RGB	153, 254, 233
RGB Percent	60%, 100%, 91%
CMY	0.4002, 0.0037, 0.0865
CMYK	0.40, 0.00, 0.08, 0.00
HSL	167°, 98%, 80%
HSV	167°, 40%, 100%
XYZ	63.2808, 83.5569, 89.8462
YIQ	221.4070, -53.4550, -27.9430

Conversions

Conversions Part 2

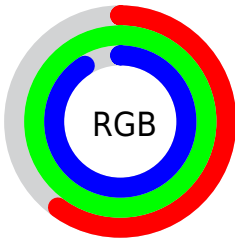
Format	Color
R_{YB}	153, 209, 254
Decimal	10092265
CIE _{Lab}	93.26, -34.34, 0.79
CIE _{LCh}	93, 34.350, 178.690
Yxy	83.5569, 0.2674, 0.3530
Android (android.graphics.Color)	4288282345 (0xFF99FEE9)
YUV	221.4070, 5.7153, -59.9929
Hunter-Lab	91.4095, -36.3949, 5.7106

Details

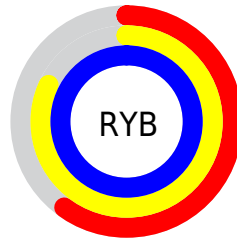
The YIQ color **221.4070, -53.4550, -27.9430** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **185.5930, 53.4550, 27.9430**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, -26.2240, -9.3280**, and **164.5210, -53.7760, -27.6320** is the 20% darker color. If you saturate the color by 10%, you get **213.3620, -66.7500, -34.7980**, and if you desaturate by 10%, it is **229.4520, -40.1600, -21.0880**.

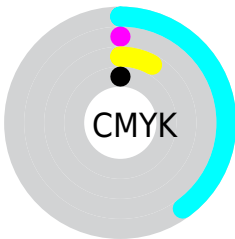
Distribution



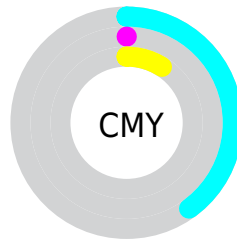
- Red (60%)
- Green (100%)
- Blue (91%)



- Red (60%)
- Yellow (82%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.4070, -53.4550, -27.9430 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 221.4070, -53.4550, -27.9430 by changing the saturation by 10% instead.

■ 221.4070,
-53.4550, -27.9430

■ 221.4070,
-53.4550, -27.9430

■ 255.0000, -0.0000,
-0.0000

■ 192.5210,
-53.7760, -27.6320

■ 241.8440,
-26.2240, -9.3280

■ 164.5210,
-53.7760, -27.6320

■ 250.8140, -8.3440,
-2.9680

■ 136.1510,
-55.6100, -27.4340

■ 107.4600,
-60.9740, -29.3420

■ 80.0790, -64.2750,
-30.0910

■ 62.0810, -49.4210,
-23.9570

■ 45.3710, -35.4380,

-18.5580

■ 29.4760, -22.3720,
-13.0600

■ 12.7660, -8.3890,
-7.6610

■ 221.4070,
-53.4550, -27.9430

■ 221.4070,
-53.4550, -27.9430

■ 213.3620,
-66.7500, -34.7980

■ 229.4520,
-40.1600, -21.0880

■ 204.9040,
-80.3200, -42.1760

■ 237.9100,
-26.5900, -13.7100

■ 196.8590,
-93.6150, -49.0310

■ 245.9550,
-13.2950, -6.8550

■ 188.5150,
-107.5060, -56.0980

254.2990, 0.5960,
0.2120

■ 180.3560,
-120.4800, -63.2640

254.4130, 0.2750,
0.5230

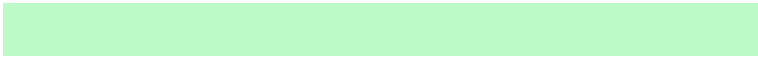
■ 172.3110,
-133.7750, -70.1190

■ 172.0120,
-134.3710, -70.3310

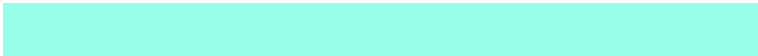
Harmonies

Analogous

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



226.3490, -21.1770, -29.2170



221.4070, -53.4550, -27.9430



217.9460, -70.9700, -24.3940

Triad

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



221.4070, -53.4550, -27.9430



234.3670, -2.1110, 10.7290



227.0790, 33.1500, -6.0660

Complementary

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



221.4070, -53.4550, -27.9430



185.5930, 53.4550, 27.9430

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.



225.2330, 27.3250, 5.8930



221.4070, -53.4550, -27.9430



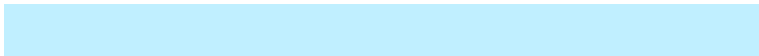
232.6940, 10.4500, 19.8740

Square

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



221.4070, -53.4550, -27.9430



226.7710, -33.1480, -4.9880



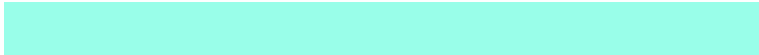
227.8210, 17.2820, 17.2020



232.3960, 33.3350, -14.9290

Rectangle

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



221.4070, -53.4550, -27.9430



217.9790, -66.5690, -21.5530



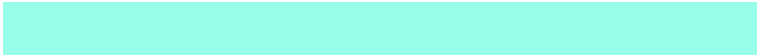
227.8210, 17.2820, 17.2020



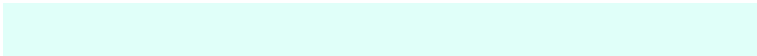
226.1160, 31.7280, -2.3200

Sweetspot

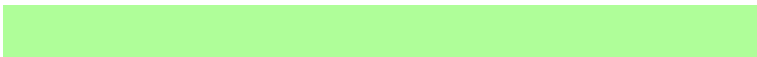
The Sweet Spot groups the original color and five complimentary colors.



221.4070, -53.4550, -27.9430



245.0470, -16.5500, -8.4380



218.8650, -14.6630, -48.1590



122.1620, -9.4440, -5.0600



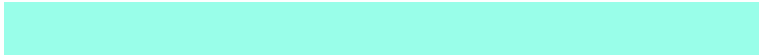
0.0000, 0.0000, 0.0000



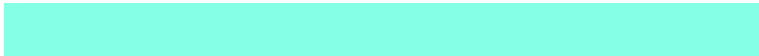
128.0000, -0.0000, -0.0000

Same Dimension

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



221.4070, -53.4550, -27.9430



215.5580, -64.3660, -33.9500



206.7780, -52.2210, -6.2450



123.7710, -6.7850, -3.6890



129.3310, -100.9960, -52.9320



43.2680, -33.6500, -17.9220

Inverse Universe

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



185.5930, 53.4550, 27.9430



172.3280, 64.6870, 33.6390



200.2220, 52.2210, 6.2450



119.1150, 7.1060, 3.3780



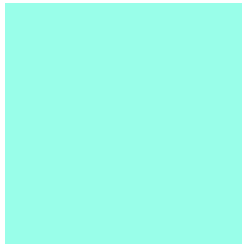
61.6690, 100.9960, 52.9320



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 221.4070, -53.4550, -27.9430 looks on a white background.

Color Contrast Check

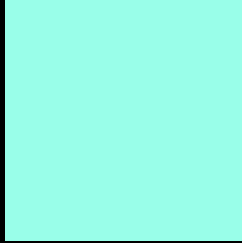
Large Text (above 18pt) WCAG AA × Fail

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 221.4070, -53.4550, -27.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

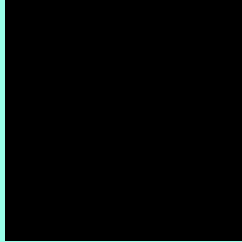
Any Text WCAG AA ✓ Pass

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 221.4070, -53.4550, -27.9430 Background



This preview shows how black text looks on a background with the YIQ color 221.4070, -53.4550, -27.9430.



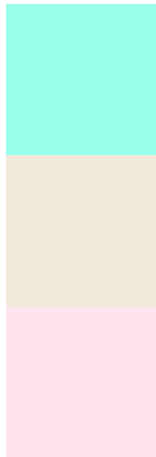
This preview shows how white text looks on a background with the YIQ color 221.4070, -53.4550, -27.9430.

-27.9430.

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

221.4070, -53.4550, -27.9430

Protanopia

234.3230, 9.2160, -1.8240

Deuteranopia

236.7400, 12.8360, 9.6680



Tritanopia

230.6140, -31.2680, -6.0200

Trichromacy



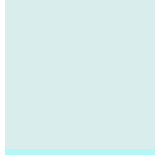
Original Color

221.4070, -53.4550, -27.9430



Protanomaly

229.9070, -13.3400, -11.5480



Deuteranomaly

231.3190, -11.3240, -4.0280



Tritanomaly

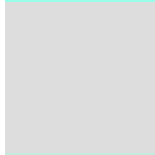
227.2660, -39.3360, -13.9920

Monochromacy



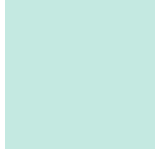
Original Color

221.4070, -53.4550, -27.9430



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.0250, -19.4840, -10.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.4070, -53.4550, -27.9430 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(153, 254, 233)` looks like.

```
.text, #text, p{  
    color:rgb(153, 254, 233)  
}
```

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(153, 254, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 254, 233) }
```

Border

The CSS property to change the border of an element to YIQ 221.4070, -53.4550, -27.9430 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(153, 254, 233) }
```


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

```
.border{ border-color:rgb(153, 254, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 254, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 254, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 254, 233);  
box-shadow:4px 4px 4px 4px rgb(153, 254,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 221.4070, -53.4550, -27.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 254, 233) }
```

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

```
.background{ background-color: rgb(153,  
254, 233) }
```

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