

Converting Colors

YIQ(223.8970, -42.9110,
-20.7910)

Have a look what the booklet for
YIQ(223.8970, -42.9110, -20.7910)
contains.

YIQ(223.8970, -42.9110, -20.7910)	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(223.8970, -42.9110,
-20.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	AAF9EC
RGB	170, 249, 236
RGB Percent	67%, 98%, 93%
CMY	0.3335, 0.0234, 0.0747
CMYK	0.32, 0.00, 0.05, 0.02
HSL	170°, 87%, 82%
HSV	170°, 32%, 98%
XYZ	65.5871, 82.3661, 91.7672
YIQ	223.8970, -42.9110, -20.7910

Conversions

Conversions Part 2

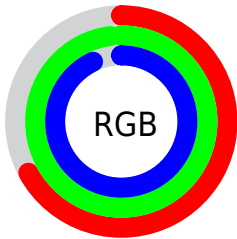
Format	Color
R _Y B	170, 213, 249
Decimal	11205100
CIE Lab	92.74, -26.85, -1.44
CIE LCh	93, 26.891, 183.073
Yxy	82.3661, 0.2736, 0.3436
Android (android.graphics.Color)	4289395180 (0xFFAAF9EC)
YUV	223.8970, 5.9668, -47.2677
Hunter-Lab	90.7558, -29.8248, 3.5783

Details

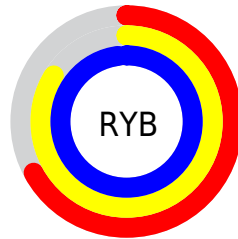
The YIQ color **223.8970, -42.9110, -20.7910** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **195.1030, 42.9110, 20.7910**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6280, -16.6880, -5.9360**, and **167.6090, -42.0400, -20.0560** is the 20% darker color. If you saturate the color by 10%, you get **215.9660, -56.5270, -27.3350**, and if you desaturate by 10%, it is **231.8280, -29.2950, -14.2470**.

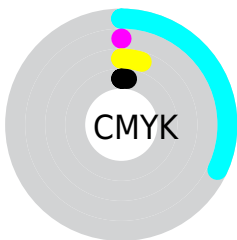
Distribution



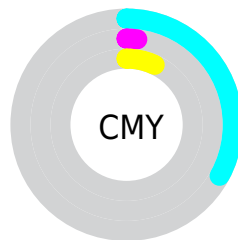
- Red (67%)
- Green (98%)
- Blue (93%)



- Red (67%)
- Yellow (84%)
- Blue (98%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (33%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.8970, -42.9110, -20.7910 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 223.8970, -42.9110, -20.7910 by changing the saturation by 10% instead.

■ 223.8970,
-42.9110, -20.7910

■ 223.8970,
-42.9110, -20.7910

■ 255.0000, -0.0000,
-0.0000

■ 195.3100,
-42.6360, -20.2680

■ 246.6280,
-16.6880, -5.9360

■ 167.6090,
-42.0400, -20.0560

■ 140.3100,
-42.6360, -20.2680

■ 113.5380,
-43.2780, -19.6460

■ 86.7440, -46.8540,
-20.9180

■ 60.6620, -49.5590,
-21.4550

■ 43.9520, -35.5760,

-16.0560

■ 27.9430, -22.1890,
-10.8690

■ 12.0480, -9.1230,
-5.3710

■ 223.8970,
-42.9110, -20.7910

■ 223.8970,
-42.9110, -20.7910

■ 215.9660,
-56.5270, -27.3350

■ 231.8280,
-29.2950, -14.2470

■ 208.0350,
-70.1430, -33.8790

■ 239.7590,
-15.6790, -7.7030

■ 200.1040,
-83.7590, -40.4230

■ 247.6900, -2.0630,
-1.1590

■ 192.0590,
-97.0540, -47.2780

■ 251.1360, 2.6130,
2.2050

■ 184.1280,
-110.6700, -53.8220

■ 251.4780, 1.6500,
3.1380

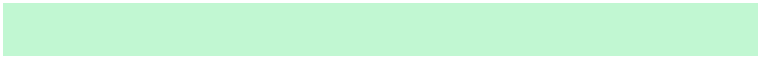
■ 176.4960,
-123.6900, -60.1540

■ 169.8750,
-135.2430, -65.5390

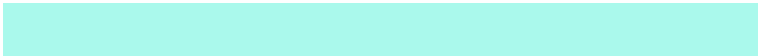
Harmonies

Analogous

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



226.6360, -20.3070, -22.9550



223.8970, -42.9110, -20.7910



223.0840, -53.5030, -16.0550

Triad

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



223.8970, -42.9110, -20.7910



234.6770, -0.0480, 11.8880



229.8660, 29.4360, -4.8360

Complementary

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



223.8970, -42.9110, -20.7910



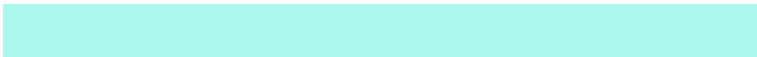
195.1030, 42.9110, 20.7910

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.



227.8090, 25.5830, 4.4230



223.8970, -42.9110, -20.7910



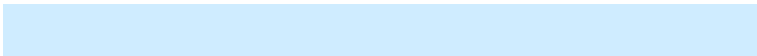
233.8680, 9.9000, 18.8280

Square

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



223.8970, -42.9110, -20.7910



229.4950, -23.3830, -0.2390



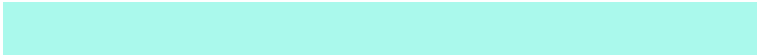
229.4850, 18.1080, 13.2440



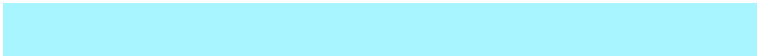
232.6820, 26.7780, -11.7340

Rectangle

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



223.8970, -42.9110, -20.7910



223.4160, -48.5060, -13.0020



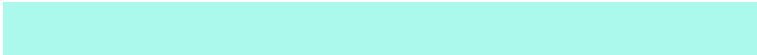
229.4850, 18.1080, 13.2440



228.6750, 28.6560, -1.7120

Sweetspot

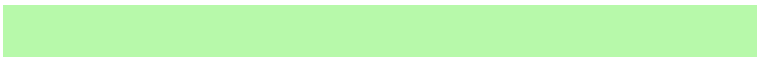
The Sweet Spot groups the original color and five complimentary colors.



223.8970, -42.9110, -20.7910



247.0690, -13.6160, -6.5440



220.2600, -13.9770, -38.5610



122.8740, -8.5730, -4.3250



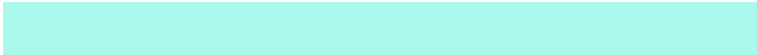
0.0000, 0.0000, 0.0000



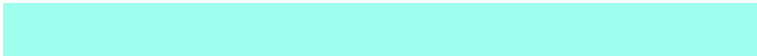
128.0000, -0.0000, -0.0000

Same Dimension

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



223.8970, -42.9110, -20.7910



224.1730, -52.6760, -25.5400



210.1170, -39.9340, -3.1500



120.8850, -7.1060, -3.3780



128.8410, -102.3720, -50.0200



41.6210, -33.1460, -16.0420

Inverse Universe

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



195.1030, 42.9110, 20.7910



188.8270, 52.6760, 25.5400



208.8830, 39.9340, 3.1500



116.2290, 6.7850, 3.6890



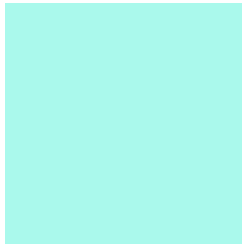
60.0450, 102.6930, 49.7090



19.3790, 33.1460, 16.0420

Previews

White Background



This preview shows how the YIQ color 223.8970, -42.9110, -20.7910 looks on a white background.

Color Contrast Check

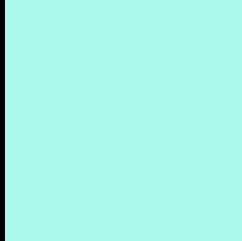
Large Text (above 18pt) WCAG AA × Fail

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 223.8970, -42.9110, -20.7910 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

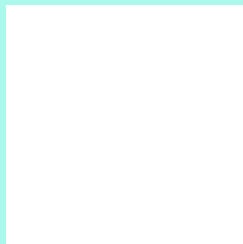
Any Text WCAG AAA ✓ Pass

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

YIQ 223.8970, -42.9110, -20.7910 Background



This preview shows how black text looks on a background with the YIQ color 223.8970, -42.9110, -20.7910.



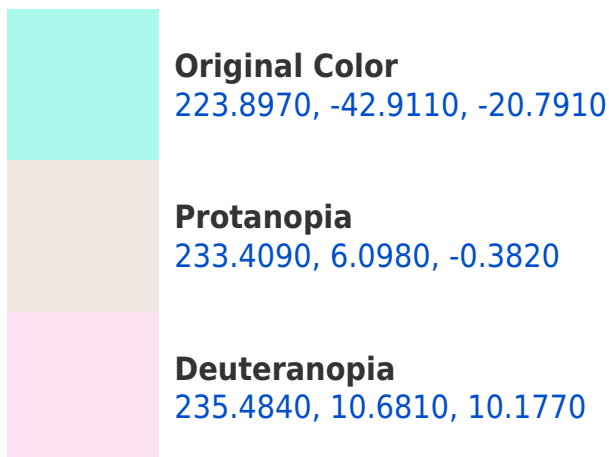
This preview shows how white text looks on a background with the YIQ color 223.8970, -42.9110, -20.7910.

-20.7910.

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





Tritanopia

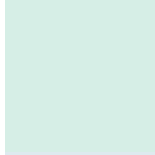
229.4400, -30.7180, -4.9740

Trichromacy



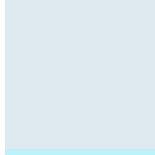
Original Color

223.8970, -42.9110, -20.7910



Protanomaly

229.9120, -11.7360, -7.5760



Deuteranomaly

230.9820, -8.7570, -0.9890



Tritanomaly

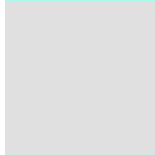
227.4130, -35.2560, -10.8400

Monochromacy



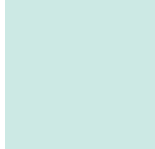
Original Color

223.8970, -42.9110, -20.7910



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

223.7590, -15.6790, -7.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.8970, -42.9110, -20.7910 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(170, 249, 236)` looks like.

```
.text, #text, p{  
    color:rgb(170, 249, 236)  
}
```

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(170, 249, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 249, 236) }
```

Border

The CSS property to change the border of an element to YIQ 223.8970, -42.9110, -20.7910 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(170, 249, 236) }
```


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

```
.border{ border-color:rgb(170, 249, 236) }
```

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

Here you see how a box with a 4 pixel rgb(170, 249, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 249, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 249, 236);  
box-shadow:4px 4px 4px 4px rgb(170, 249,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 223.8970, -42.9110, -20.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 249, 236) }
```

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

```
.background{ background-color: rgb(170,  
249, 236) }
```

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