

Converting Colors

YIQ(212.5970, -50.9340,
-24.0700)

Have a look what the booklet for
YIQ(212.5970, -50.9340, -24.0700)
contains.

YIQ(212.5970, -50.9340, -24.0700)	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(212.5970, -50.9340,
-24.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	95F2E4
RGB	149, 242, 228
RGB Percent	58%, 95%, 89%
CMY	0.4159, 0.0508, 0.1061
CMYK	0.38, 0.00, 0.06, 0.05
HSL	171°, 78%, 77%
HSV	171°, 38%, 95%
XYZ	58.1443, 75.5103, 84.8737
YIQ	212.5970, -50.9340, -24.0700

Conversions

Conversions Part 2

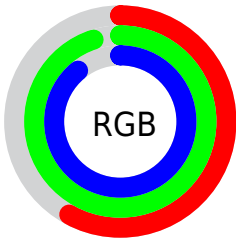
Format	Color
RYB	149, 199, 242
Decimal	9827044
CIELab	89.63, -30.86, -1.94
CIELCh	90, 30.919, 183.598
Yxy	75.5103, 0.2661, 0.3455
Android (android.graphics.Color)	4288017124 (0xFF95F2E4)
YUV	212.5970, 7.5937, -55.7746
Hunter-Lab	86.8967, -32.6312, 2.9179

Details

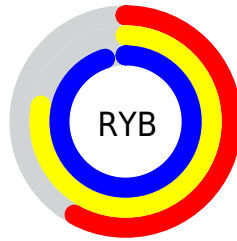
The YIQ color **212.5970, -50.9340, -24.0700** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **178.4030, 50.9340, 24.0700**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3490, -29.2040, -10.3880**, and **156.4120, -51.8510, -23.9710** is the 20% darker color. If you saturate the color by 10%, you get **204.9650, -63.9540, -30.4020**, and if you desaturate by 10%, it is **220.2290, -37.9140, -17.7380**.

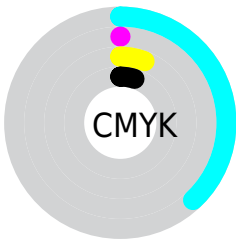
Distribution



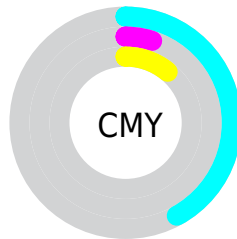
- Red (58%)
- Green (95%)
- Blue (89%)



- Red (58%)
- Yellow (78%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.5970, -50.9340, -24.0700 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 212.5970, -50.9340, -24.0700 by changing the saturation by 10% instead.

212.5970,
-50.9340, -24.0700

212.5970,
-50.9340, -24.0700

255.0000, -0.0000,
-0.0000

184.0100,
-50.6590, -23.5470

240.3490,
-29.2040, -10.3880

156.4120,
-51.8510, -23.9710

249.3190,
-11.3240, -4.0280

128.2270,
-52.7680, -23.8720

99.8350, -57.5360,
-25.5680

73.1660, -59.9660,
-25.5820

56.3420, -45.6620,
-20.4940

39.7460, -32.0000,

-14.7840

■ 25.0250, -19.4840,
-10.3320

■ 0.3420, -0.9630,
0.9330

■ 212.5970,
-50.9340, -24.0700

■ 212.5970,
-50.9340, -24.0700

■ 204.9650,
-63.9540, -30.4020

■ 220.2290,
-37.9140, -17.7380

■ 197.4470,
-77.2950, -36.4230

■ 227.7470,
-24.5730, -11.7170

■ 189.5160,
-90.9110, -42.9670

■ 235.6780,
-10.9570, -5.1730

■ 181.8840,
-103.9310, -49.2990

■ 243.3100, 2.0630,
1.1590

■ 174.3660,
-117.2720, -55.3200

■ 246.3430, 6.4640,
4.0000

■ 166.7340,
-130.2920, -61.6520

■ 246.7990, 5.1800,
5.2440

■ 165.4240,
-132.3550, -62.8110

■ 247.2550, 3.8960,
6.4880

■ 247.3690, 3.5750,
6.7990

Harmonies

Analogous

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



216.3750, -24.0660, -26.4180



212.5970, -50.9340, -24.0700



211.7990, -65.8820, -17.4820

Triad

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



212.5970, -50.9340, -24.0700



226.7140, -1.4700, 15.6340



222.1720, 37.3220, -4.5820

Complementary

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



212.5970, -50.9340, -24.0700



178.4030, 50.9340, 24.0700

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.



219.8700, 32.7810, 6.1330



212.5970, -50.9340, -24.0700



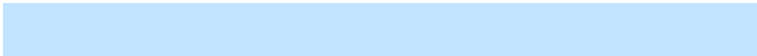
227.0690, 13.8880, 23.6480

Square

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



212.5970, -50.9340, -24.0700



220.3250, -28.6560, 1.7120



221.4150, 24.2970, 16.7210



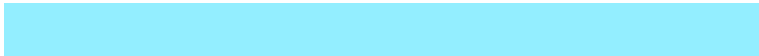
223.9550, 30.2630, -14.3210

Rectangle

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



212.5970, -50.9340, -24.0700



212.7290, -59.6930, -14.0050



221.4150, 24.2970, 16.7210



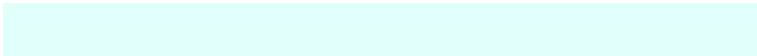
221.0950, 36.2210, -1.1470

Sweetspot

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



212.5970, -50.9340, -24.0700



245.1610, -16.8710, -8.1270



208.0760, -16.6350, -45.4590



122.2760, -9.7650, -4.7490



0.0000, 0.0000, 0.0000



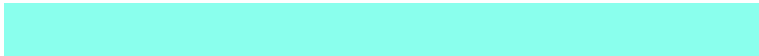
128.0000, -0.0000, -0.0000

Same Dimension

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



212.5970, -50.9340, -24.0700



217.9650, -63.9540, -30.4020



195.9960, -46.9030, -3.5030



116.1840, -6.5100, -3.1660



125.7920, -100.6760, -47.7160



38.3440, -30.8080, -14.3600

Inverse Universe

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



178.4030, 50.9340, 24.0700



174.9210, 64.2750, 30.0910



195.0040, 46.9030, 3.5030



111.8160, 6.5100, 3.1660



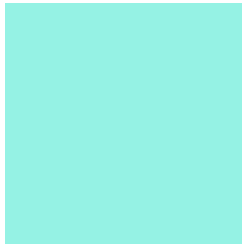
58.2080, 100.6760, 47.7160



17.6560, 30.8080, 14.3600

Previews

White Background



This preview shows how the YIQ color 212.5970, -50.9340, -24.0700 looks on a white background.

Color Contrast Check

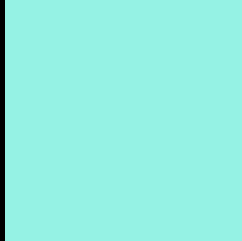
Large Text (above 18pt) WCAG AA × Fail

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 212.5970, -50.9340, -24.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

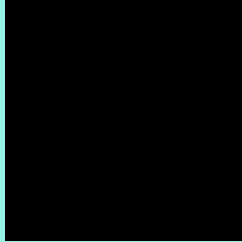
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

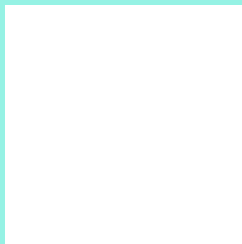
Any Text WCAG AAA ✓ Pass

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

YIQ 212.5970, -50.9340, -24.0700 Background



This preview shows how black text looks on a background with the YIQ color 212.5970, -50.9340, -24.0700.



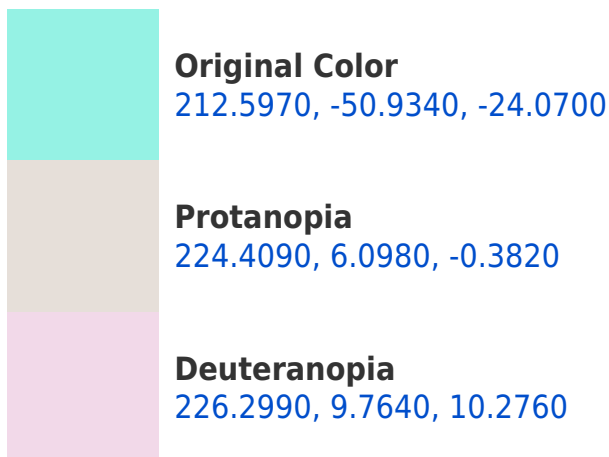
This preview shows how white text looks on a background with the YIQ color 212.5970, -50.9340, -24.0700.

-24.0700.

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

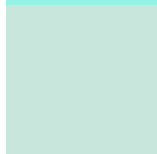
216.6270, -50.4780, -10.3020

Trichromacy



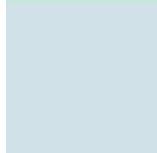
Original Color

212.5970, -50.9340, -24.0700



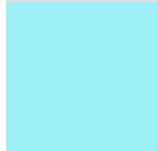
Protanomaly

220.3030, -14.3950, -8.9470



Deuteranomaly

221.1880, -12.3330, -2.2610



Tritanomaly

215.1660, -50.7980, -15.5180

Monochromacy



Original Color

212.5970, -50.9340, -24.0700



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

213.1500, -18.3380, -9.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.5970, -50.9340, -24.0700 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(149, 242, 228)` looks like.

```
.text, #text, p{  
    color:rgb(149, 242, 228)  
}
```

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(149, 242, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 242, 228) }
```

Border

The CSS property to change the border of an element to YIQ 212.5970, -50.9340, -24.0700 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(149, 242, 228) }
```


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

```
.border{ border-color:rgb(149, 242, 228) }
```

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

Here you see how a box with a 4 pixel rgb(149, 242, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 242, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 242, 228);  
box-shadow:4px 4px 4px 4px rgb(149, 242,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 212.5970, -50.9340, -24.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 242, 228) }
```

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

```
.background{ background-color: rgb(149,  
242, 228) }
```

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