

Converting Colors

YIQ(211.1710, -23.9720,
-39.1400)

Have a look what the booklet for
YIQ(211.1710, -23.9720, -39.1400)
contains.

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Color

**YIQ(211.1710, -23.9720,
-39.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F3AB
RGB	164, 243, 171
RGB Percent	64%, 95%, 67%
CMY	0.3571, 0.0469, 0.3294
CMYK	0.33, 0.00, 0.30, 0.05
HSL	125°, 77%, 80%
HSV	125°, 33%, 95%
XYZ	54.7078, 74.9470, 50.1059
YIQ	211.1710, -23.9720, -39.1400

Conversions

Conversions Part 2

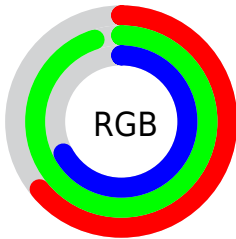
Format	Color
RYB	164, 237, 243
Decimal	10810283
CIELab	89.37, -38.26, 27.26
CIELCh	89, 46.975, 144.527
Yxy	74.9470, 0.3043, 0.4169
Android (android.graphics.Color)	4289000363 (0xFFA4F3AB)
YUV	211.1710, -19.8043, -41.3690
Hunter-Lab	86.5720, -38.7006, 26.2847

Details

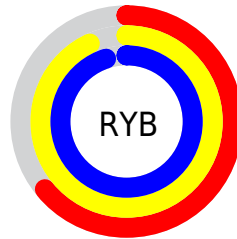
The YIQ color **211.1710, -23.9720, -39.1400** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **195.8290, 23.9720, 39.1400**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **241.6420, -11.2760, -15.9160**, and **155.2250, -24.0640, -37.4720** is the 20% darker color. If you saturate the color by 10%, you get **201.4870, -31.2140, -51.0700**, and if you desaturate by 10%, it is **220.8550, -16.7300, -27.2100**.

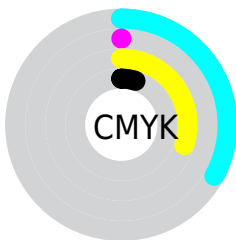
Distribution



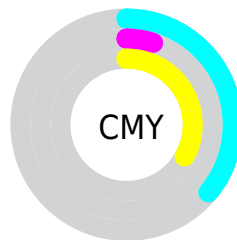
- Red (64%)
- Green (95%)
- Blue (67%)



- Red (64%)
- Yellow (93%)
- Blue (95%)



- Cyan (33%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)



- Cyan (36%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.1710, -23.9720, -39.1400 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 211.1710, -23.9720, -39.1400 by changing the saturation by 10% instead.

■ 211.1710,
-23.9720, -39.1400

■ 211.1710,
-23.9720, -39.1400

255.0000, -0.0000,
-0.0000

■ 182.6980,
-24.0180, -38.3060

■ 241.6420,
-11.2760, -15.9160

■ 155.2250,
-24.0640, -37.4720

■ 253.5050, -2.9800,
-1.0600

■ 128.4530,
-24.7060, -36.8500

■ 102.3820,
-25.9440, -36.4400

■ 75.5280, -29.2910,
-36.3550

■ 50.7560, -29.9330,
-35.7330

■ 34.0460, -15.9500,

-30.3340

■ 22.3060, -10.4500,
-19.8740

■ 0.0000, 0.0000,
0.0000

■ 211.1710,
-23.9720, -39.1400

■ 211.1710,
-23.9720, -39.1400

■ 201.4870,
-31.2140, -51.0700

■ 220.8550,
-16.7300, -27.2100

■ 191.5040,
-39.0520, -63.2120

■ 230.8380, -8.8920,
-15.0680

■ 181.8200,
-46.2940, -75.1420

■ 240.5220, -1.6500,
-3.1380

■ 172.0220,
-53.2150, -87.3830

■ 247.9560, 3.3000,
6.2760

■ 162.0390,
-61.0530, -99.5250

■ 152.3550,
-68.2950, -111.4550

■ 145.1490,
-73.8870, -120.2470

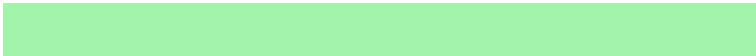
Harmonies

Analogous

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



217.4290, 19.4000, -32.2160



211.1710, -23.9720, -39.1400



200.8830, -75.8270, -41.0030

Triad

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



211.1710, -23.9720, -39.1400



208.3100, -59.8310, -11.5030



210.6090, 38.1900, 12.7340

Complementary

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



211.1710, -23.9720, -39.1400



195.8290, 23.9720, 39.1400

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.



214.5650, 24.2950, 27.7750



211.1710, -23.9720, -39.1400



221.0440, -11.3270, 12.5530

Square

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



211.1710, -23.9720, -39.1400



189.3520, -113.5160, -35.2760



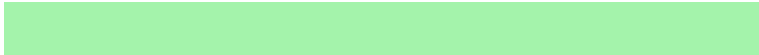
222.7150, 15.1250, 28.7650



212.8480, 47.0420, -4.5260

Rectangle

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



211.1710, -23.9720, -39.1400



190.6520, -114.6610, -42.0610



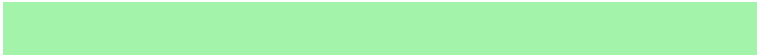
222.7150, 15.1250, 28.7650



211.0310, 34.2460, 18.1340

Sweetspot

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



211.1710, -23.9720, -39.1400



244.9030, -7.5170, -12.4530



231.9010, 21.1870, -26.0530



121.6200, -5.0420, -7.7460



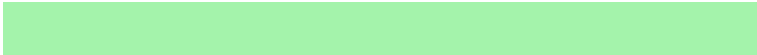
0.0000, 0.0000, 0.0000



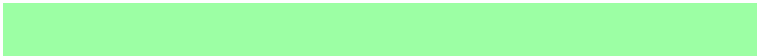
128.0000, -0.0000, -0.0000

Same Dimension

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



211.1710, -23.9720, -39.1400



215.0250, -29.7930, -49.2890



215.6170, -36.4910, -27.0110



117.1580, -3.6210, -5.9650



111.1200, -56.6070, -91.9910



35.2030, -17.8300, -29.3020

Inverse Universe

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



195.8290, 23.9720, 39.1400



195.8610, 30.1140, 48.9780



191.3830, 36.4910, 27.0110



114.8420, 3.6210, 5.9650



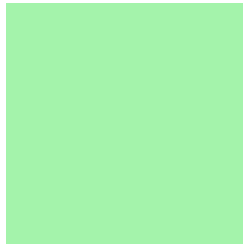
74.9940, 56.2860, 92.3020



23.6830, 18.1510, 28.9910

Previews

White Background



This preview shows how the YIQ color 211.1710, -23.9720, -39.1400 looks on a white background.

Color Contrast Check

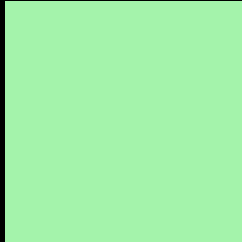
Large Text (above 18pt) WCAG AA × Fail

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 211.1710, -23.9720, -39.1400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

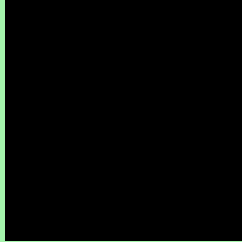
Any Text WCAG AA ✓ Pass

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 211.1710, -23.9720, -39.1400 Background



This preview shows how black text looks on a background with the YIQ color 211.1710, -23.9720, -39.1400.



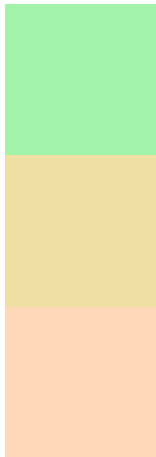
This preview shows how white text looks on a background with the YIQ color 211.1710, -23.9720, -39.1400.

-39.1400.

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

211.1710, -23.9720, -39.1400

Protanopia

221.1290, 29.7130, -15.3670

Deuteranopia

224.2410, 32.8740, -1.0620



Tritanopia

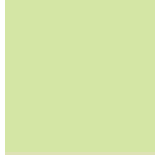
218.9060, -37.9620, -5.8500

Trichromacy



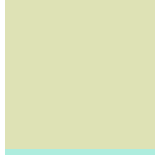
Original Color

211.1710, -23.9720, -39.1400



Protanomaly

217.2080, 10.1370, -24.0310



Deuteranomaly

219.6740, 12.0610, -14.8430



Tritanomaly

216.4530, -32.7330, -18.0210

Monochromacy



Original Color

211.1710, -23.9720, -39.1400



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

211.2510, -8.6170, -14.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.1710, -23.9720, -39.1400 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(164, 243, 171)` looks like.

```
.text, #text, p{  
    color:rgb(164, 243, 171)  
}
```

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(164, 243, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 243, 171) }
```

Border

The CSS property to change the border of an element to YIQ 211.1710, -23.9720, -39.1400 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(164, 243, 171) }
```


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

```
.border{ border-color:rgb(164, 243, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 243, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 243, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 243, 171);  
box-shadow:4px 4px 4px 4px rgb(164, 243,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 211.1710, -23.9720, -39.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 243, 171) }
```

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

```
.background{ background-color: rgb(164,  
243, 171) }
```

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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