

Converting Colors

YIQ(228.9940, -10.1720,
-35.9320)

Have a look what the booklet for
YIQ(228.9940, -10.1720, -35.9320)
contains.

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Color

**YIQ(228.9940, -10.1720,
-35.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FFB3
RGB	197, 255, 179
RGB Percent	77%, 100%, 70%
CMY	0.2276, 0.0000, 0.2980
CMYK	0.23, 0.00, 0.30, 0.00
HSL	106°, 100%, 85%
HSV	106°, 30%, 100%
XYZ	66.9107, 86.6388, 55.8467
YIQ	228.9940, -10.1720, -35.9320

Conversions

Conversions Part 2

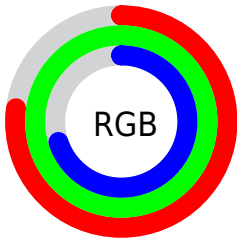
Format	Color
RYB	179, 255, 237
Decimal	12976051
CIELab	94.58, -31.87, 30.57
CIELCh	95, 44.159, 136.192
Yxy	86.6388, 0.3195, 0.4138
Android (android.graphics.Color)	4291166131 (0xFFC5FFB3)
YUV	228.9940, -24.6470, -28.0587
Hunter-Lab	93.0800, -34.5748, 29.5828

Details

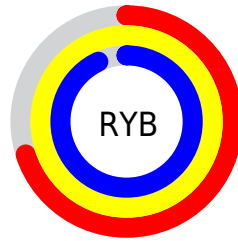
The YIQ color **228.9940, -10.1720, -35.9320** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **205.0060, 10.1720, 35.9320**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **252.7200, 6.4200, -6.2200**, and **173.0480, -10.2640, -34.2640** is the 20% darker color. If you saturate the color by 10%, you get **220.1640, -14.0670, -47.9470**, and if you desaturate by 10%, it is **237.6390, -7.1940, -23.8180**.

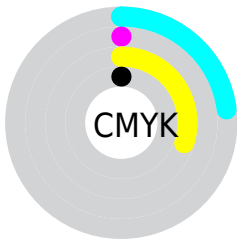
Distribution



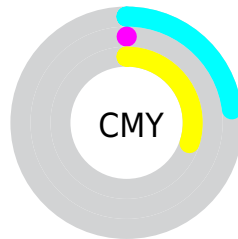
- Red (77%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (93%)



- Cyan (23%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 228.9940, -10.1720, -35.9320 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 228.9940, -10.1720, -35.9320 by changing the saturation by 10% instead.

 228.9940,
-10.1720, -35.9320


 228.9940,
-10.1720, -35.9320


255.0000, -0.0000,
-0.0000


 200.5210,
-10.2180, -35.0980


 252.7200, 6.4200,
-6.2200

 173.0480,
-10.2640, -34.2640

 146.1620,
-10.5850, -33.9530

 119.8030,
-10.9520, -32.8080

 94.3300, -10.9980,
-31.9740

 69.2590, -12.2360,
-31.5640

 43.0520, -16.0870,

-33.3590

■ 27.0020, -12.6500,
-24.0580

■ 14.6750, -6.8750,
-13.0750

■ 228.9940,
-10.1720, -35.9320

■ 228.9940,
-10.1720, -35.9320

■ 220.1640,
-14.0670, -47.9470

■ 237.6390, -7.1940,
-23.8180

■ 211.5190,
-17.0450, -60.0610

■ 246.4690, -3.2990,
-11.8030

■ 202.9880,
-20.3440, -71.8640

255.0000, -0.0000,
-0.0000

■ 194.0440,
-23.9180, -84.1900

■ 185.5130,
-27.2170, -95.9930

■ 176.5690,
-30.7910, -108.3190

■ 168.0380,
-34.0900, -120.1220

■ 167.6250,
-34.3650, -120.6450

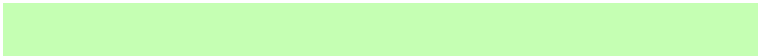
Harmonies

Analogous

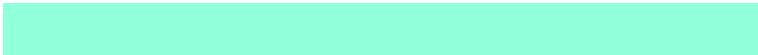
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.2670, 28.8440, -27.1560



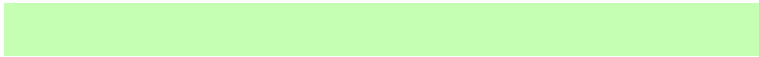
228.9940, -10.1720, -35.9320



217.8920, -53.6830, -34.8270

Triad

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



228.9940, -10.1720, -35.9320



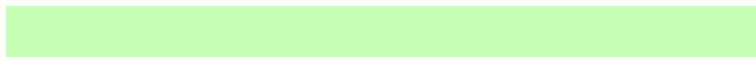
219.7840, -61.5260, -19.3340



222.6060, 25.0770, 13.5970

Complementary

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



228.9940, -10.1720, -35.9320



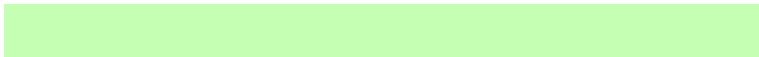
205.0060, 10.1720, 35.9320

Split Complementary

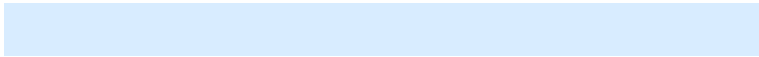
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.9980, 12.6500, 24.0580



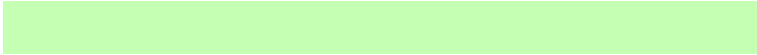
228.9940, -10.1720, -35.9320



232.1860, -18.0190, 1.6690

Square

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



228.9940, -10.1720, -35.9320



206.2630, -97.1480, -34.5560



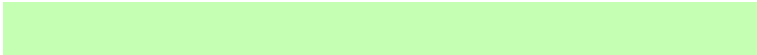
234.4550, 9.6250, 18.3050



223.5570, 34.8000, -2.9280

Rectangle

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



228.9940, -10.1720, -35.9320



211.0320, -83.2560, -33.0160



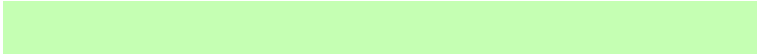
234.4550, 9.6250, 18.3050



224.2020, 20.5830, 17.9510

Sweetspot

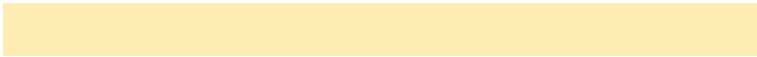
The Sweet Spot groups the original color and five complimentary colors.



228.9940, -10.1720, -35.9320



246.9960, -3.3450, -10.9690



235.1830, 29.6210, -13.6990



123.0010, -1.7410, -6.9970



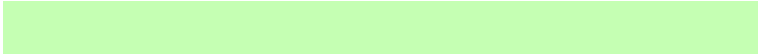
0.0000, 0.0000, 0.0000



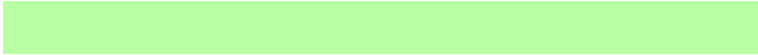
128.0000, -0.0000, -0.0000

Same Dimension

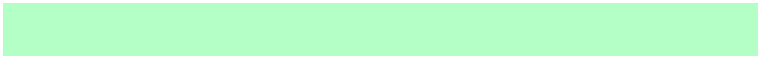
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.9940, -10.1720, -35.9320



223.5820, -12.1880, -43.4520



225.7780, -26.9990, -33.8390



123.5280, -1.7870, -6.1630



125.5720, -25.7050, -90.3530



42.0530, -8.6600, -30.2920

Inverse Universe

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



205.0060, 10.1720, 35.9320



194.4180, 12.1880, 43.4520



208.2220, 26.9990, 33.8390



119.1730, 1.1910, 5.9510



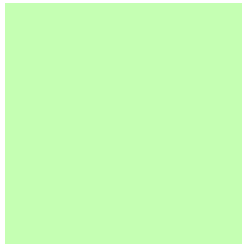
65.4280, 25.7050, 90.3530



21.9470, 8.6600, 30.2920

Previews

White Background



This preview shows how the YIQ color 228.9940, -10.1720, -35.9320 looks on a white background.

Color Contrast Check

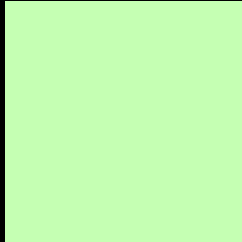
Large Text (above 18pt) WCAG AA × Fail

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 228.9940, -10.1720, -35.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

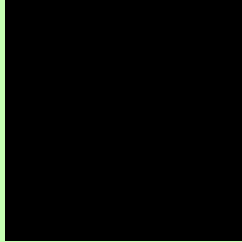
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

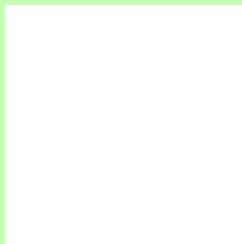
Any Text WCAG AAA ✓ Pass

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

YIQ 228.9940, -10.1720, -35.9320 Background



This preview shows how black text looks on a background with the YIQ color 228.9940, -10.1720, -35.9320.



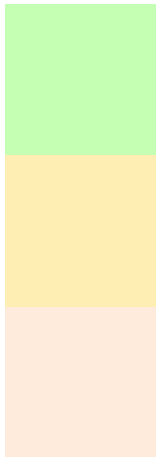
This preview shows how white text looks on a background with the YIQ color 228.9940, -10.1720, -35.9320.

-35.9320.

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

228.9940, -10.1720, -35.9320

Protanopia

236.4710, 28.7500, -14.4340

Deuteranopia

239.2700, 16.7350, -0.4250



Tritanopia

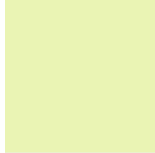
237.2030, -16.6890, -0.4090

Trichromacy



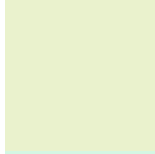
Original Color

228.9940, -10.1720, -35.9320



Protanomaly

233.7140, 14.5840, -22.0240



Deuteranomaly

235.3900, 7.1090, -13.2030



Tritanomaly

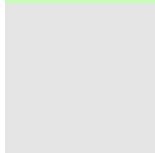
234.2550, -14.4400, -13.6400

Monochromacy



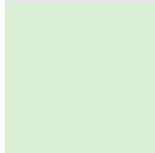
Original Color

228.9940, -10.1720, -35.9320



Achromatopsia

229.0000, -0.0000, -0.0000



Achromatomaly

228.6430, -3.8490, -12.8490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.9940, -10.1720, -35.9320 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(197, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 179)  
}
```

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(197, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 179) }
```

Border

The CSS property to change the border of an element to YIQ 228.9940, -10.1720, -35.9320 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

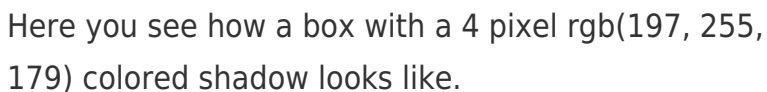
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 255, 179) }
```


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

```
.border{ border-color:rgb(197, 255, 179) }
```

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



Here you see how a box with a 4 pixel rgb(197, 255, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 228.9940, -10.1720, -35.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 179) }
```

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

```
.background{ background-color: rgb(197,  
255, 179) }
```

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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