

Converting Colors

YIQ(229.5640, -11.7770,
-34.3770)

Have a look what the booklet for
YIQ(229.5640, -11.7770, -34.3770)
contains.

YIQ(229.5640, -11.7770, -34.3770)	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(229.5640, -11.7770,
-34.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FFB8
RGB	197, 255, 184
RGB Percent	77%, 100%, 72%
CMY	0.2276, 0.0000, 0.2784
CMYK	0.23, 0.00, 0.28, 0.00
HSL	109°, 100%, 86%
HSV	109°, 28%, 100%
XYZ	67.4257, 86.8448, 58.5576
YIQ	229.5640, -11.7770, -34.3770

Conversions

Conversions Part 2

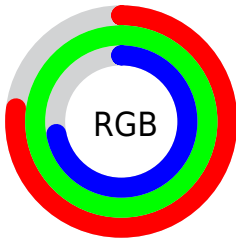
Format	Color
RYB	184, 255, 242
Decimal	12976056
CIELab	94.67, -31.11, 28.17
CIELCh	95, 41.967, 137.836
Yxy	86.8448, 0.3168, 0.4081
Android (android.graphics.Color)	4291166136 (0xFFC5FFB8)
YUV	229.5640, -22.4631, -28.5586
Hunter-Lab	93.1906, -33.9342, 27.9777

Details

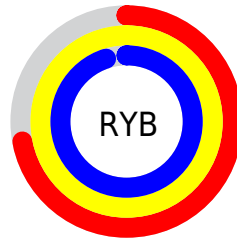
The YIQ color **229.5640, -11.7770, -34.3770** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **209.4360, 11.7770, 34.3770**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.2900, 4.8150, -4.6650**, and **173.6180, -11.8690, -32.7090** is the 20% darker color. If you saturate the color by 10%, you get **220.4350, -16.2680, -46.6040**, and if you desaturate by 10%, it is **238.8070, -7.6070, -21.8390**.

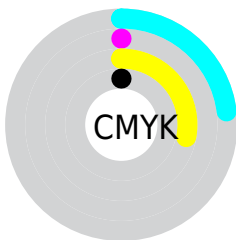
Distribution



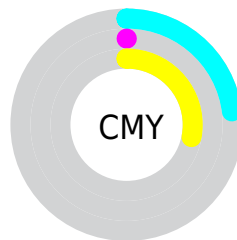
- Red (77%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (95%)



- Cyan (23%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 229.5640, -11.7770, -34.3770 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 229.5640, -11.7770, -34.3770 by changing the saturation by 10% instead.


 229.5640,
-11.7770, -34.3770


 229.5640,
-11.7770, -34.3770


255.0000, -0.0000,
-0.0000


 201.0910,
-11.8230, -33.5430


 253.2900, 4.8150,
-4.6650

 173.6180,
-11.8690, -32.7090

 146.7320,
-12.1900, -32.3980

 120.2590,
-12.2360, -31.5640

 94.9000, -12.6030,
-30.4190

 69.8290, -13.8410,
-30.0090

 44.3340, -16.8210,

-31.0690

■ 27.0020, -12.6500,
-24.0580

■ 14.6750, -6.8750,
-13.0750

■ 229.5640,
-11.7770, -34.3770

■ 229.5640,
-11.7770, -34.3770

■ 220.4350,
-16.2680, -46.6040

■ 238.8070, -7.6070,
-21.8390

■ 211.1920,
-20.4380, -59.1420

■ 247.9360, -3.1160,
-9.6120

■ 202.0630,
-24.9290, -71.3690

255.0000, -0.0000,
-0.0000

■ 193.1190,
-28.5030, -83.6950

■ 183.9900,
-32.9940, -95.9220

■ 174.7470,
-37.1640, -108.4600

■ 165.6180,
-41.6550, -120.6870

■ 163.7380,
-42.1130, -123.4010

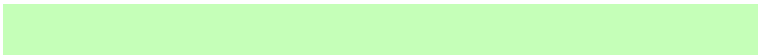
Harmonies

Analogous

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



234.9400, 25.4510, -26.2370



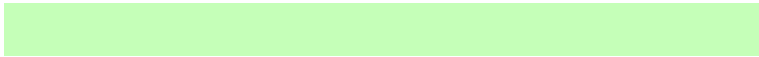
229.5640, -11.7770, -34.3770



219.4300, -52.2620, -33.0460

Triad

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



229.5640, -11.7770, -34.3770



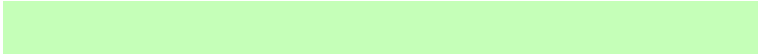
222.7740, -55.5660, -17.2140



224.2530, 24.5730, 11.7170

Complementary

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



229.5640, -11.7770, -34.3770



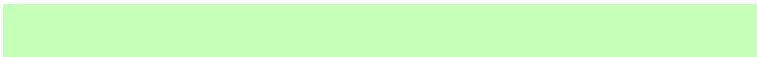
209.4360, 11.7770, 34.3770

Split Complementary

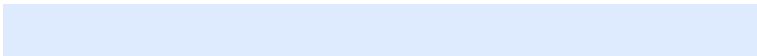
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.1720, 12.1000, 23.0120



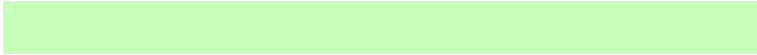
229.5640, -11.7770, -34.3770



233.3930, -14.1680, 3.4640

Square

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



229.5640, -11.7770, -34.3770



211.3460, -87.0160, -30.9520



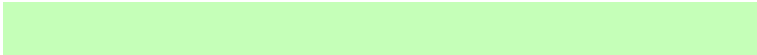
235.0420, 9.3500, 17.7820



224.8450, 33.9290, -3.6630

Rectangle

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



229.5640, -11.7770, -34.3770



213.6520, -79.1300, -30.6980



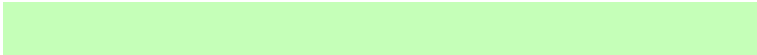
235.0420, 9.3500, 17.7820



225.1480, 20.6750, 16.2830

Sweetspot

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



229.5640, -11.7770, -34.3770



247.6370, -3.7120, -9.8240



239.2750, 26.3660, -15.2820



123.2290, -2.3830, -6.3750



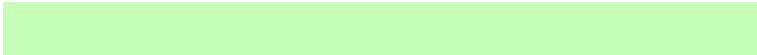
0.0000, 0.0000, 0.0000



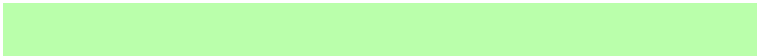
128.0000, -0.0000, -0.0000

Same Dimension

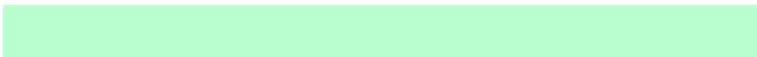
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.5640, -11.7770, -34.3770



224.7930, -14.1600, -40.7520



228.1850, -26.5870, -30.2910



123.2290, -2.3830, -6.3750



122.5820, -31.6650, -92.4730



41.1560, -10.4480, -30.9280

Inverse Universe

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



209.4360, 11.7770, 34.3770



201.2070, 14.1600, 40.7520



210.8150, 26.5870, 30.2910



119.4720, 1.7870, 6.1630



68.4180, 31.6650, 92.4730



22.8440, 10.4480, 30.9280

Previews

White Background



This preview shows how the YIQ color 229.5640, -11.7770, -34.3770 looks on a white background.

Color Contrast Check

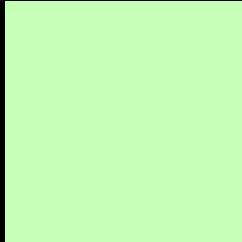
Large Text (above 18pt) WCAG AA × Fail

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 229.5640, -11.7770, -34.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

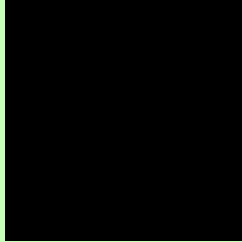
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

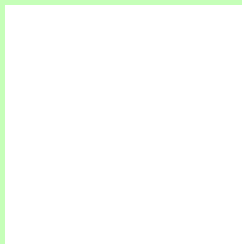
Any Text WCAG AAA ✓ Pass

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

YIQ 229.5640, -11.7770, -34.3770 Background



This preview shows how black text looks on a background with the YIQ color 229.5640, -11.7770, -34.3770.



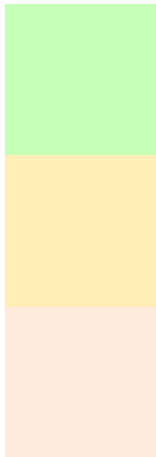
This preview shows how white text looks on a background with the YIQ color 229.5640, -11.7770, -34.3770.

-34.3770.

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

229.5640, -11.7770, -34.3770

Protanopia

237.4000, 27.5120, -14.0240

Deuteranopia

239.4980, 16.0930, 0.1970



Tritanopia

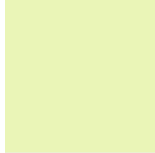
238.0890, -16.3680, -0.7200

Trichromacy



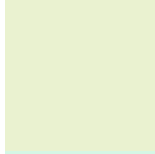
Original Color

229.5640, -11.7770, -34.3770



Protanomaly

234.6430, 13.3460, -21.6140



Deuteranomaly

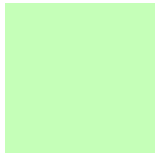
235.7320, 6.1460, -12.2700



Tritanomaly

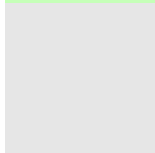
234.7820, -14.4860, -12.8060

Monochromacy



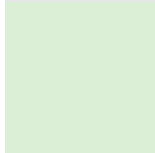
Original Color

229.5640, -11.7770, -34.3770



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

229.7570, -4.1700, -12.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.5640, -11.7770, -34.3770 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 184) }
```

Border

The CSS property to change the border of an element to YIQ 229.5640, -11.7770, -34.3770 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, 184) }
```


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

```
.border{ border-color:rgb(197, 255, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 229.5640, -11.7770, -34.3770 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, 184) }
```

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

```
.background{ background-color: rgb(197,  
255, 184) }
```

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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