

Converting Colors

YIQ(229.9360, -21.4520,
-29.7400)

Have a look what the booklet for
YIQ(229.9360, -21.4520, -29.7400)
contains.

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Color

**YIQ(229.9360, -21.4520,
-29.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	BFFFCB
RGB	191, 255, 203
RGB Percent	75%, 100%, 80%
CMY	0.2512, 0.0000, 0.2040
CMYK	0.25, 0.00, 0.20, 0.00
HSL	131°, 100%, 87%
HSV	131°, 25%, 100%
XYZ	68.0121, 86.9015, 69.6818
YIQ	229.9360, -21.4520, -29.7400

Conversions

Conversions Part 2

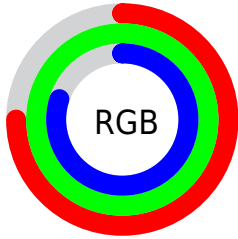
Format	Color
RYB	191, 245, 255
Decimal	12582859
CIELab	94.70, -29.92, 18.50
CIElCh	95, 35.181, 148.267
Yxy	86.9015, 0.3028, 0.3869
Android (android.graphics.Color)	4290772939 (0xFFBFFFCB)
YUV	229.9360, -13.2794, -34.1469
Hunter-Lab	93.2210, -32.9067, 20.9360

Details

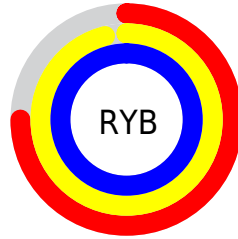
The YIQ color **229.9360, -21.4520, -29.7400** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **216.0640, 21.4520, 29.7400**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9070, -4.1720, -1.4840**, and **173.8760, -21.2230, -28.3830** is the 20% darker color. If you saturate the color by 10%, you get **219.7680, -30.2070, -41.7830**, and if you desaturate by 10%, it is **239.8050, -13.2930, -17.9090**.

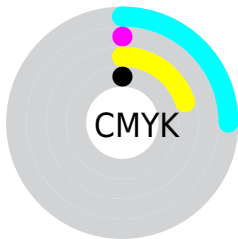
Distribution



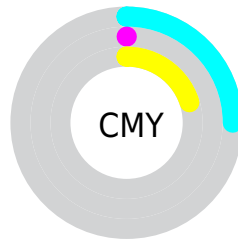
- Red (75%)
- Green (100%)
- Blue (80%)



- Red (75%)
- Yellow (96%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (25%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 229.9360, -21.4520, -29.7400 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 229.9360, -21.4520, -29.7400 by changing the saturation by 10% instead.

 229.9360,
-21.4520, -29.7400


 229.9360,
-21.4520, -29.7400


255.0000, -0.0000,
-0.0000


 201.3490,
-21.1770, -29.2170


 252.9070, -4.1720,
-1.4840

 173.8760,
-21.2230, -28.3830

 147.2890,
-20.9480, -27.8600

 120.8160,
-20.9940, -27.0260

 95.0440, -21.6360,
-26.4040

 69.9730, -22.8740,
-25.9940

 44.1080, -27.6880,

-26.8560

■ 27.6860, -14.5760,
-22.1920

■ 14.6750, -6.8750,
-13.0750

■ 229.9360,
-21.4520, -29.7400

■ 229.9360,
-21.4520, -29.7400

■ 219.7680,
-30.2070, -41.7830

■ 239.8050,
-13.2930, -17.9090

■ 210.0130,
-38.6870, -53.3030

■ 249.8590, -4.2170,
-6.1770

■ 199.8450,
-47.4420, -65.3460

255.0000, -0.0000,
-0.0000

■ 189.9760,
-55.6010, -77.1770

■ 179.8080,
-64.3560, -89.2200

■ 170.0530,
-72.8360, -100.7400

■ 159.8850,
-81.5910, -112.7830

■ 155.1570,
-85.5330, -118.4370

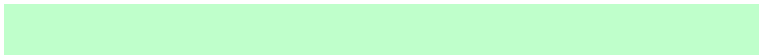
Harmonies

Analogous

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



234.1650, 11.6960, -24.7520



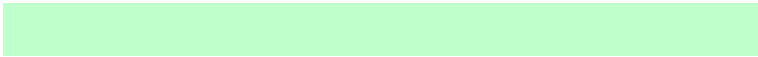
229.9360, -21.4520, -29.7400



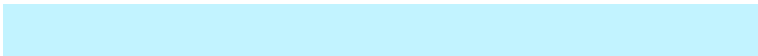
222.9340, -53.5010, -27.1090

Triad

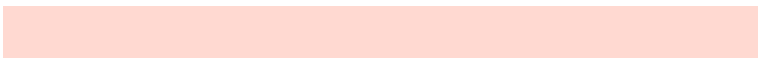
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.9360, -21.4520, -29.7400



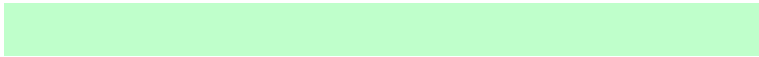
229.7170, -33.0560, -6.6560



227.4500, 25.2160, 5.5680

Complementary

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



229.9360, -21.4520, -29.7400



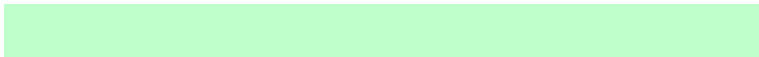
216.0640, 21.4520, 29.7400

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.



230.1520, 14.8520, 17.1880



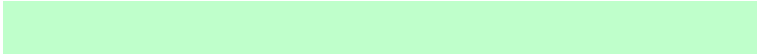
229.9360, -21.4520, -29.7400



237.6120, -1.4230, 9.2730

Square

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



229.9360, -21.4520, -29.7400



222.7300, -61.4340, -21.0020



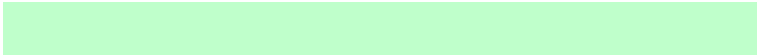
235.0420, 9.3500, 17.7820



229.1820, 31.3620, -6.7020

Rectangle

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



229.9360, -21.4520, -29.7400



220.3160, -69.1360, -24.5920



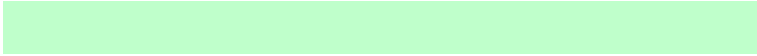
235.0420, 9.3500, 17.7820



227.5300, 22.2350, 10.0350

Sweetspot

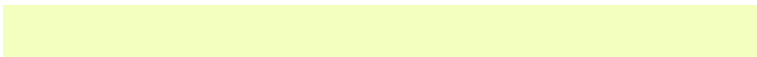
The Sweet Spot groups the original color and five complimentary colors.



229.9360, -21.4520, -29.7400



247.0820, -6.4630, -9.5270



244.1160, 13.3920, -22.4480



122.8590, -4.2170, -6.1770



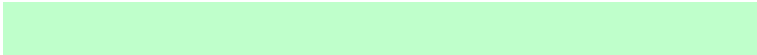
0.0000, 0.0000, 0.0000



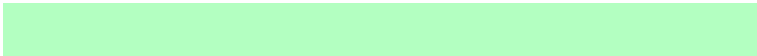
128.0000, -0.0000, -0.0000

Same Dimension

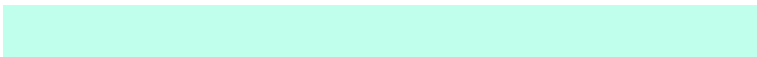
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.9360, -21.4520, -29.7400



225.2080, -25.3940, -35.3940



233.5840, -31.7240, -19.7880



122.8590, -4.2170, -6.1770



116.2210, -64.0810, -88.6970



38.9360, -21.4520, -29.7400

Inverse Universe

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



216.0640, 21.4520, 29.7400



208.7920, 25.3940, 35.3940



212.4160, 31.7240, 19.7880



120.0270, 4.5380, 5.8660



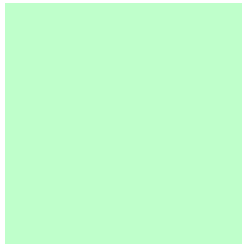
74.7790, 64.0810, 88.6970



25.0640, 21.4520, 29.7400

Previews

White Background



This preview shows how the YIQ color 229.9360, -21.4520, -29.7400 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 229.9360, -21.4520, -29.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

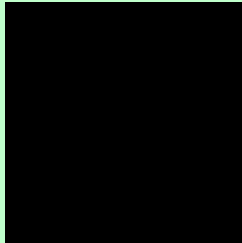
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

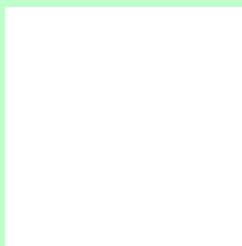
Any Text WCAG AAA ✓ Pass

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

YIQ 229.9360, -21.4520, -29.7400 Background



This preview shows how black text looks on a background with the YIQ color 229.9360, -21.4520, -29.7400.



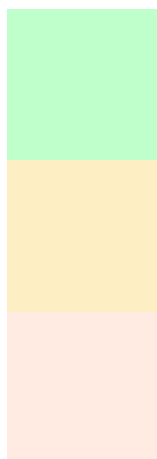
This preview shows how white text looks on a background with the YIQ color 229.9360, -21.4520, -29.7400.

-29.7400.

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

229.9360, -21.4520, -29.7400

Protanopia

237.5830, 22.7430, -10.1930

Deuteranopia

239.9540, 14.8090, 1.4410



Tritanopia

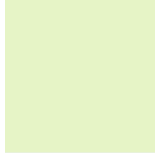
237.1920, -18.1560, -1.3560

Trichromacy



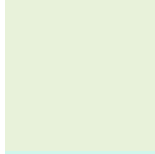
Original Color

229.9360, -21.4520, -29.7400



Protanomaly

234.5700, 6.4220, -17.2740



Deuteranomaly

236.2740, 1.7440, -9.5840



Tritanomaly

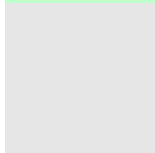
234.3840, -19.1170, -11.4770

Monochromacy



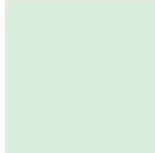
Original Color

229.9360, -21.4520, -29.7400



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

229.9570, -7.6090, -10.7850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.9360, -21.4520, -29.7400 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(191, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 203)  
}
```

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(191, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 203) }
```

Border

The CSS property to change the border of an element to YIQ 229.9360, -21.4520, -29.7400 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(191, 255, 203) }
```


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

```
.border{ border-color:rgb(191, 255, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 229.9360, -21.4520, -29.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 203) }
```

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

```
.background{ background-color: rgb(191,  
255, 203) }
```

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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