

Converting Colors

YIQ(231.4640, -14.0710,
-25.8390)

Have a look what the booklet for
YIQ(231.4640, -14.0710, -25.8390)
contains.

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Color

**YIQ(231.4640, -14.0710,
-25.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	CAFCCB
RGB	202, 252, 203
RGB Percent	79%, 99%, 80%
CMY	0.2080, 0.0117, 0.2039
CMYK	0.20, 0.00, 0.19, 0.01
HSL	121°, 89%, 89%
HSV	121°, 20%, 99%
XYZ	69.9427, 86.4967, 69.5062
YIQ	231.4640, -14.0710, -25.8390

Conversions

Conversions Part 2

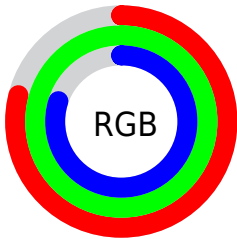
Format	Color
RYB	202, 251, 252
Decimal	13302987
CIELab	94.52, -24.99, 18.35
CIElCh	95, 31.003, 143.705
Yxy	86.4967, 0.3096, 0.3828
Android (android.graphics.Color)	4291493067 (0xFFCAFCCB)
YUV	231.4640, -14.0328, -25.8399
Hunter-Lab	93.0036, -28.5167, 20.7922

Details

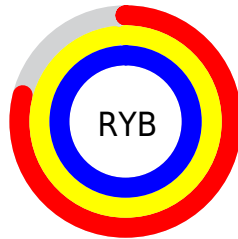
The YIQ color **231.4640, -14.0710, -25.8390** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **222.5360, 14.0710, 25.8390**, and the grayscale version is **232.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **175.4040, -13.8420, -24.4820** is the 20% darker color. If you saturate the color by 10%, you get **221.1390, -20.9460, -38.9140**, and if you desaturate by 10%, it is **241.7890, -7.1960, -12.7640**.

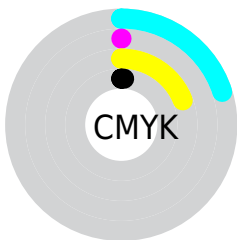
Distribution



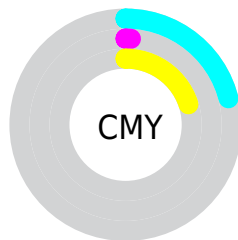
- Red (79%)
- Green (99%)
- Blue (80%)



- Red (79%)
- Yellow (98%)
- Blue (99%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



- Cyan (21%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.4640, -14.0710, -25.8390 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 231.4640, -14.0710, -25.8390 by changing the saturation by 10% instead.

■ 231.4640,
-14.0710, -25.8390

■ 231.4640,
-14.0710, -25.8390

255.0000, -0.0000,
-0.0000

■ 202.9910,
-14.1170, -25.0050

■ 175.4040,
-13.8420, -24.4820

■ 148.8170,
-13.5670, -23.9590

■ 122.3440,
-13.6130, -23.1250

■ 97.4580, -13.9340,
-22.8140

■ 72.9850, -13.9800,
-21.9800

■ 49.2130, -14.6220,

-21.3580

■ 26.5120, -14.0260,
-21.1460

■ 14.0880, -6.6000,
-12.5520

■ 231.4640,
-14.0710, -25.8390

■ 231.4640,
-14.0710, -25.8390

■ 221.1390,
-20.9460, -38.9140

■ 241.7890, -7.1960,
-12.7640

■ 210.9280,
-28.1420, -51.6780

■ 252.0000, 0.0000,
0.0000

■ 200.3040,
-35.6130, -64.9650

■ 253.2390, 0.8250,
1.5690

■ 189.9790,
-42.4880, -78.0400

■ 179.7680,
-49.6840, -90.8040

■ 169.4430,
-56.5590, -103.8790

■ 159.1180,
-63.4340, -116.9540

■ 148.6080,
-71.2260, -129.9300

■ 148.4940,
-70.9050, -130.2410

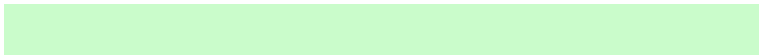
Harmonies

Analogous

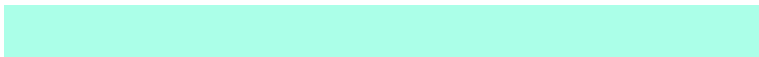
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.3550, 14.2170, -20.8790



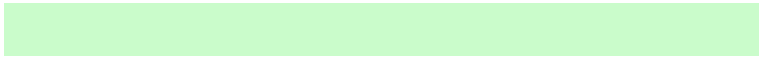
231.4640, -14.0710, -25.8390



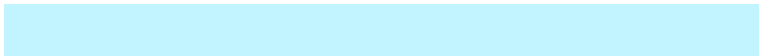
227.2620, -42.6810, -24.9610

Triad

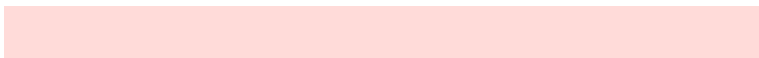
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.4640, -14.0710, -25.8390



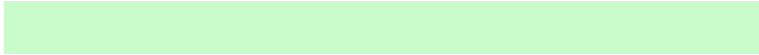
230.3040, -33.3310, -7.1790



229.5360, 22.0980, 7.0100

Complementary

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



231.4640, -14.0710, -25.8390



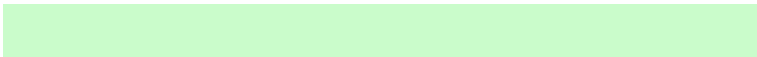
222.5360, 14.0710, 25.8390

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.



232.3690, 12.7430, 16.8630



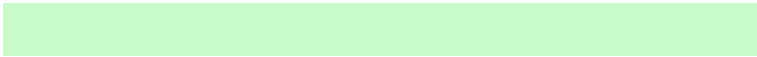
231.4640, -14.0710, -25.8390



236.9920, -5.5490, 6.9550

Square

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



231.4640, -14.0710, -25.8390



225.1330, -55.1990, -18.3590



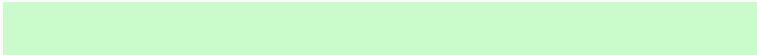
236.8030, 8.5250, 16.2130



230.2080, 28.4730, -3.9030

Rectangle

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



231.4640, -14.0710, -25.8390



225.0570, -58.0410, -21.9210



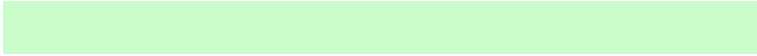
236.8030, 8.5250, 16.2130



229.9750, 19.4840, 10.3320

Sweetspot

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



231.4640, -14.0710, -25.8390



248.8050, -4.1250, -7.8450



246.0010, 15.4540, -15.7620



124.2830, -2.4750, -4.7070



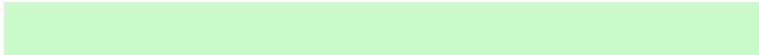
0.0000, 0.0000, 0.0000



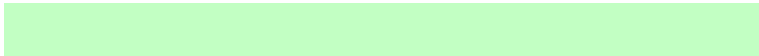
128.0000, -0.0000, -0.0000

Same Dimension

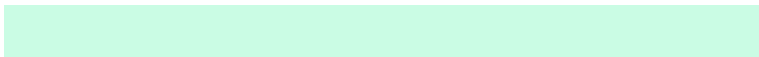
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.4640, -14.0710, -25.8390



229.9210, -17.0960, -31.5920



234.3140, -22.0960, -18.0640



119.7450, -3.8960, -6.4880



111.3990, -53.2590, -97.6030



35.9210, -17.0960, -31.5920

Inverse Universe

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



222.5360, 14.0710, 25.8390



219.0790, 17.0960, 31.5920



219.6860, 22.0960, 18.0640



117.3690, 3.5750, 6.7990



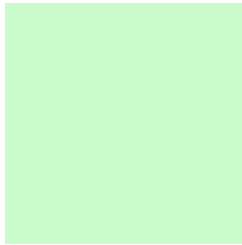
77.6010, 53.2590, 97.6030



25.0790, 17.0960, 31.5920

Previews

White Background



This preview shows how the YIQ color 231.4640, -14.0710, -25.8390 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 231.4640, -14.0710, -25.8390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

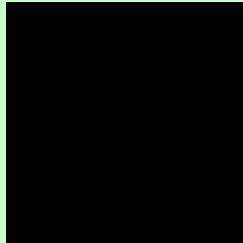
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

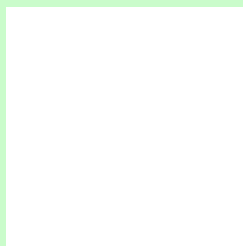
Any Text WCAG AAA ✓ Pass

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

YIQ 231.4640, -14.0710, -25.8390 Background



This preview shows how black text looks on a background with the YIQ color 231.4640, -14.0710, -25.8390.



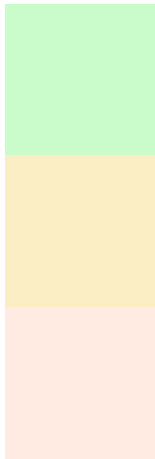
This preview shows how white text looks on a background with the YIQ color 231.4640, -14.0710, -25.8390.

-25.8390.

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

231.4640, -14.0710, -25.8390

Protanopia

237.3980, 21.8260, -10.0940

Deuteranopia

239.8400, 15.1300, 1.1300



Tritanopia

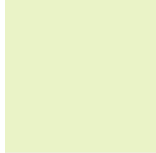
237.5020, -16.0930, -0.1970

Trichromacy



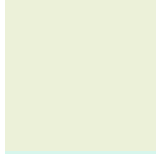
Original Color

231.4640, -14.0710, -25.8390



Protanomaly

235.2930, 8.7600, -15.5920



Deuteranomaly

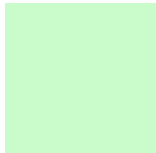
236.7690, 4.7240, -8.5240



Tritanomaly

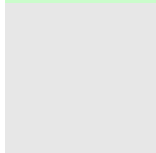
235.5910, -15.2660, -9.6820

Monochromacy



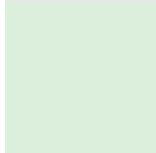
Original Color

231.4640, -14.0710, -25.8390



Achromatopsia

231.0000, -0.0000, -0.0000



Achromatomaly

231.2670, -5.5460, -9.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.4640, -14.0710, -25.8390 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(202, 252, 203)` looks like.

```
.text, #text, p{  
    color:rgb(202, 252, 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(202, 252, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 252, 203) }
```

Border

The CSS property to change the border of an element to YIQ 231.4640, -14.0710, -25.8390 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(202, 252, 203) }
```


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

```
.border{ border-color:rgb(202, 252, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 252, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 252, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 252, 203);  
box-shadow:4px 4px 4px 4px rgb(202, 252,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 231.4640, -14.0710, -25.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 252, 203) }
```

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

```
.background{ background-color: rgb(202,  
252, 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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