

Converting Colors

YIQ(231.6010, -13.1990,
-30.6310)

Have a look what the booklet for
YIQ(231.6010, -13.1990, -30.6310)
contains.

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Color

**YIQ(231.6010, -13.1990,
-30.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	C8FFC2
RGB	200, 255, 194
RGB Percent	78%, 100%, 76%
CMY	0.2159, 0.0000, 0.2392
CMYK	0.22, 0.00, 0.24, 0.00
HSL	114°, 100%, 88%
HSV	114°, 24%, 100%
XYZ	69.3054, 87.6884, 64.3109
YIQ	231.6010, -13.1990, -30.6310

Conversions

Conversions Part 2

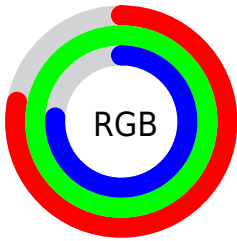
Format	Color
RYB	194, 255, 249
Decimal	13172674
CIELab	95.03, -28.54, 23.63
CIELCh	95, 37.051, 140.383
Yxy	87.6884, 0.3132, 0.3962
Android (android.graphics.Color)	4291362754 (0xFFC8FFC2)
YUV	231.6010, -18.5373, -27.7141
Hunter-Lab	93.6421, -31.7642, 24.8306

Details

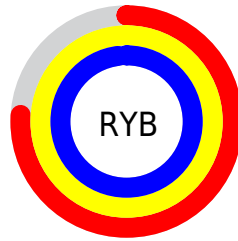
The YIQ color **231.6010, -13.1990, -30.6310** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **217.3990, 13.1990, 30.6310**, and the grayscale version is **232.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **254.5440, 1.2840, -1.2440**, and **175.5410, -12.9700, -29.2740** is the 20% darker color. If you saturate the color by 10%, you get **221.8740, -18.8820, -43.2820**, and if you desaturate by 10%, it is **241.4420, -7.8370, -17.6690**.

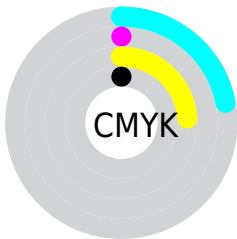
Distribution



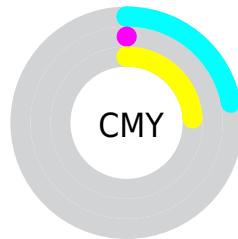
- Red (78%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.6010, -13.1990, -30.6310 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 231.6010, -13.1990, -30.6310 by changing the saturation by 10% instead.

■ 231.6010,
-13.1990, -30.6310

■ 231.6010,
-13.1990, -30.6310

■ 255.0000, -0.0000,
-0.0000

■ 203.1280,
-13.2450, -29.7970

■ 254.5440, 1.2840,
-1.2440

■ 175.5410,
-12.9700, -29.2740

■ 148.9540,
-12.6950, -28.7510

■ 122.5950,
-13.0620, -27.6060

■ 97.1220, -13.1080,
-26.7720

■ 72.3500, -13.7500,
-26.1500

■ 47.6810, -16.1800,

-26.1640

■ 27.0020, -12.6500,
-24.0580

■ 15.2620, -7.1500,
-13.5980

■ 231.6010,
-13.1990, -30.6310

■ 231.6010,
-13.1990, -30.6310

■ 221.8740,
-18.8820, -43.2820

■ 241.4420, -7.8370,
-17.6690

■ 212.0330,
-24.2440, -56.2440

■ 251.1690, -2.1540,
-5.0180

■ 202.3060,
-29.9270, -68.8950

255.0000, -0.0000,
-0.0000

■ 192.4650,
-35.2890, -81.8570

■ 182.7380,
-40.9720, -94.5080

■ 172.8970,
-46.3340, -107.4700

■ 163.1700,
-52.0170, -120.1210

■ 157.1600,
-55.2250, -128.0650

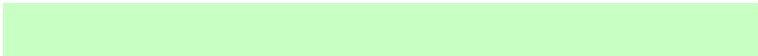
Harmonies

Analogous

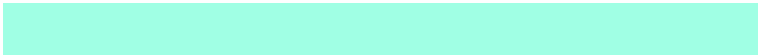
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.1830, 20.4530, -23.7630



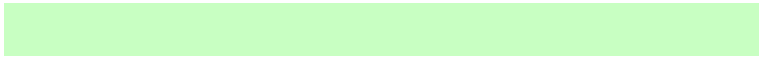
231.6010, -13.1990, -30.6310



223.5170, -47.9530, -28.5370

Triad

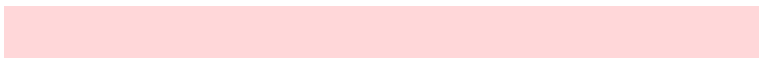
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.6010, -13.1990, -30.6310



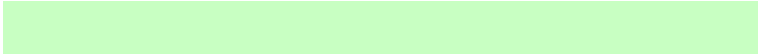
227.8680, -43.9670, -12.6630



227.1880, 23.1980, 9.1020

Complementary

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



231.6010, -13.1990, -30.6310



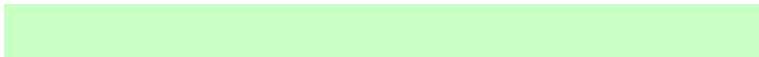
217.3990, 13.1990, 30.6310

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.



231.4060, 11.3210, 20.6090



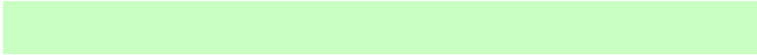
231.6010, -13.1990, -30.6310



236.3720, -9.6750, 4.6370

Square

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



231.6010, -13.1990, -30.6310



219.7180, -70.3280, -25.0160



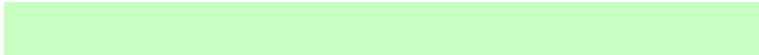
236.2160, 8.8000, 16.7360



228.4640, 30.6280, -4.4120

Rectangle

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



231.6010, -13.1990, -30.6310



219.6750, -68.7690, -25.7370



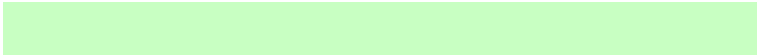
236.2160, 8.8000, 16.7360



227.9690, 19.6210, 13.3570

Sweetspot

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



231.6010, -13.1990, -30.6310



248.1640, -3.7580, -8.9900



244.5240, 21.2310, -15.8330



123.7560, -2.4290, -5.5410



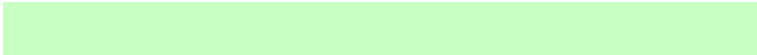
0.0000, 0.0000, 0.0000



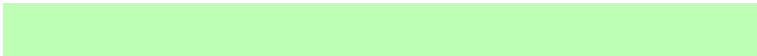
128.0000, -0.0000, -0.0000

Same Dimension

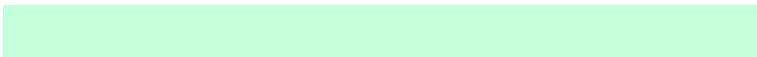
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.6010, -13.1990, -30.6310



226.5310, -16.1780, -37.2180



232.5430, -24.4790, -24.4390



122.9300, -2.9790, -6.5870



117.7980, -41.2010, -95.8650



39.3620, -14.0240, -32.2000

Inverse Universe

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



217.3990, 13.1990, 30.6310



209.4690, 16.1780, 37.2180



216.4570, 24.4790, 24.4390



119.7710, 2.3830, 6.3750



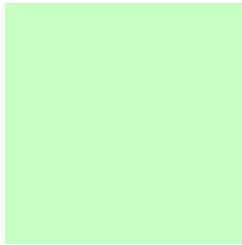
73.5010, 41.7970, 96.0770



24.6380, 14.0240, 32.2000

Previews

White Background



This preview shows how the YIQ color 231.6010, -13.1990, -30.6310 looks on a white background.

Color Contrast Check

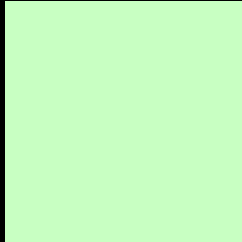
Large Text (above 18pt) WCAG AA × Fail

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 231.6010, -13.1990, -30.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

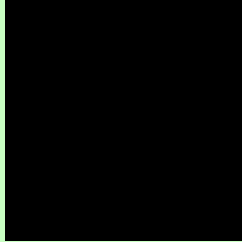
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

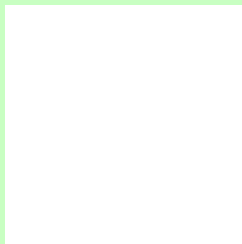
Any Text WCAG AAA ✓ Pass

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

YIQ 231.6010, -13.1990, -30.6310 Background



This preview shows how black text looks on a background with the YIQ color 231.6010, -13.1990, -30.6310.



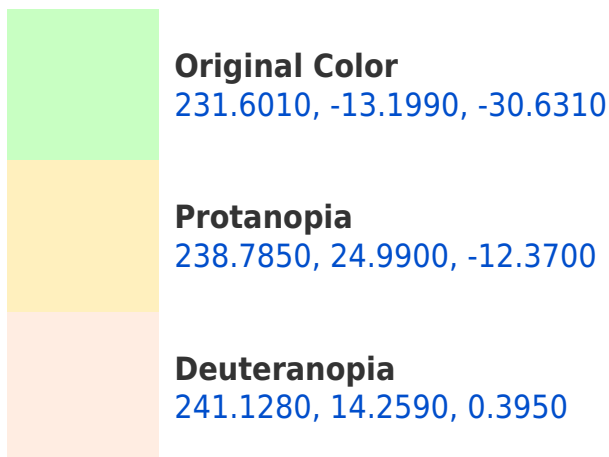
This preview shows how white text looks on a background with the YIQ color 231.6010, -13.1990,

-30.6310.

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





Tritanopia

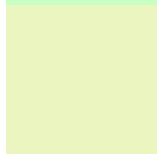
238.6870, -15.1760, -0.2960

Trichromacy



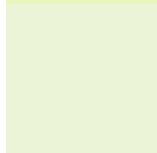
Original Color

231.6010, -13.1990, -30.6310



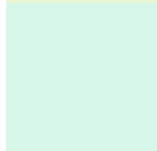
Protanomaly

235.8540, 11.3740, -18.9140



Deuteranomaly

237.8890, 4.2660, -11.2380



Tritanomaly

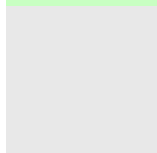
235.8360, -14.5780, -11.1380

Monochromacy



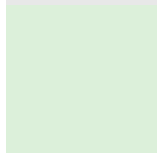
Original Color

231.6010, -13.1990, -30.6310



Achromatopsia

232.0000, -0.0000, 0.0000



Achromatomaly

231.5120, -4.8580, -11.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.6010, -13.1990, -30.6310 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(200, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 194)  
}
```

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(200, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 194) }
```

Border

The CSS property to change the border of an element to YIQ 231.6010, -13.1990, -30.6310 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(200, 255, 194) }
```


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

```
.border{ border-color:rgb(200, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(200, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 231.6010, -13.1990, -30.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 194) }
```

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

```
.background{ background-color: rgb(200,  
255, 194) }
```

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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