

Converting Colors

YIQ(231.2230, -20.5820,
-23.4780)

Have a look what the booklet for
YIQ(231.2230, -20.5820, -23.4780)
contains.

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Color

**YIQ(231.2230, -20.5820,
-23.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FCD6
RGB	197, 252, 214
RGB Percent	77%, 99%, 84%
CMY	0.2276, 0.0117, 0.1608
CMYK	0.22, 0.00, 0.15, 0.01
HSL	139°, 90%, 88%
HSV	139°, 22%, 99%
XYZ	69.9692, 86.3546, 76.5898
YIQ	231.2230, -20.5820, -23.4780

Conversions

Conversions Part 2

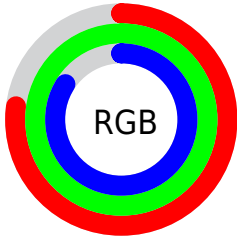
Format	Color
R _{YB}	197, 239, 252
Decimal	12975318
CIE Lab	94.46, -24.67, 12.59
CIE LCh	94, 27.695, 152.971
Yxy	86.3546, 0.3004, 0.3708
Android (android.graphics.Color)	4291165398 (0xFFC5FCD6)
YUV	231.2230, -8.4909, -30.0136
Hunter-Lab	92.9272, -28.2217, 16.1827

Details

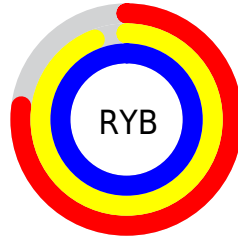
The YIQ color **231.2230, -20.5820, -23.4780** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **217.7770, 20.5820, 23.4780**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **254.7010, -0.5960, -0.2120**, and **175.0490, -20.0320, -22.4320** is the 20% darker color. If you saturate the color by 10%, you get **221.8100, -30.0250, -34.0650**, and if you desaturate by 10%, it is **240.6360, -11.1390, -12.8910**.

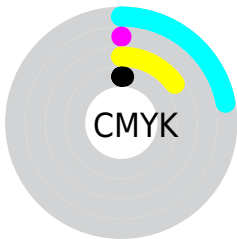
Distribution



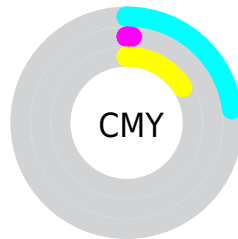
- Red (77%)
- Green (99%)
- Blue (84%)



- Red (77%)
- Yellow (94%)
- Blue (99%)



- Cyan (22%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)



- Cyan (23%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.2230, -20.5820, -23.4780 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 231.2230, -20.5820, -23.4780 by changing the saturation by 10% instead.

■ 231.2230,
-20.5820, -23.4780

■ 231.2230,
-20.5820, -23.4780

255.0000, -0.0000,
-0.0000

■ 202.6360,
-20.3070, -22.9550

254.7010, -0.5960,
-0.2120

■ 175.0490,
-20.0320, -22.4320

■ 148.4620,
-19.7570, -21.9090

■ 121.9890,
-19.8030, -21.0750

■ 97.2880, -19.2070,
-20.8630

■ 72.5160, -19.8490,
-20.2410

■ 48.1460, -21.6830,

-20.0430

■ 27.8800, -17.8780,
-17.4140

■ 14.0880, -6.6000,
-12.5520

■ 231.2230,
-20.5820, -23.4780

■ 231.2230,
-20.5820, -23.4780

■ 221.8100,
-30.0250, -34.0650

■ 240.6360,
-11.1390, -12.8910

■ 212.2830,
-39.1470, -44.9630

■ 250.1630, -2.0170,
-1.9930

■ 202.5710,
-49.1860, -55.7620

■ 253.2390, 0.8250,
1.5690

■ 193.0440,
-58.3080, -66.6600

■ 183.6310,
-67.7510, -77.2470

■ 174.2180,
-77.1940, -87.8340

■ 164.6910,
-86.3160, -98.7320

■ 156.8160,
-94.3380, -107.5380

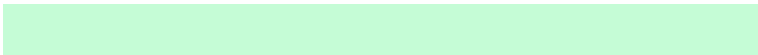
Harmonies

Analogous

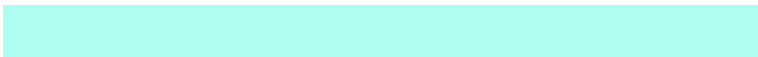
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.3910, 5.3680, -20.2000



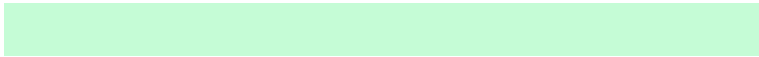
231.2230, -20.5820, -23.4780



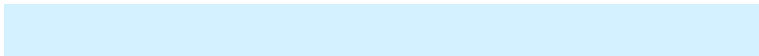
228.2990, -44.1030, -21.2150

Triad

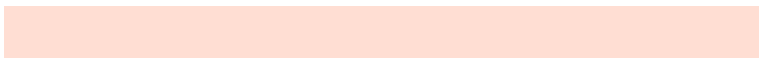
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.2230, -20.5820, -23.4780



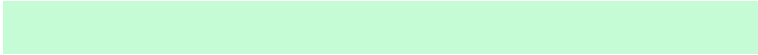
233.6260, -22.3740, -2.0060



230.6130, 23.1990, 3.5750

Complementary

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



231.2230, -20.5820, -23.4780



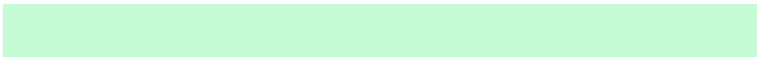
217.7770, 20.5820, 23.4780

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.



232.4030, 15.4030, 12.7070



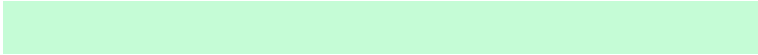
231.2230, -20.5820, -23.4780



238.5200, 1.8320, 10.8560

Square

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



231.2230, -20.5820, -23.4780



228.1670, -43.3710, -12.4510



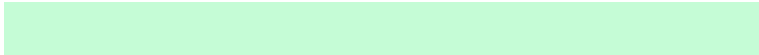
236.8030, 8.5250, 16.2130



232.5560, 27.3730, -5.9950

Rectangle

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



231.2230, -20.5820, -23.4780



227.5030, -53.3650, -18.5570



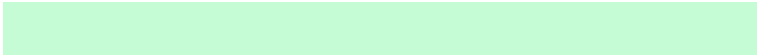
236.8030, 8.5250, 16.2130



230.9380, 20.9060, 6.5860

Sweetspot

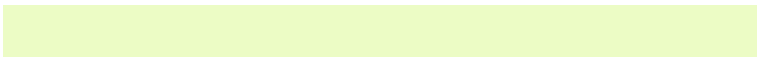
The Sweet Spot groups the original color and five complimentary colors.



231.2230, -20.5820, -23.4780



248.2500, -6.8760, -7.5480



240.9460, 8.1190, -20.4970



123.7990, -3.9880, -4.8200



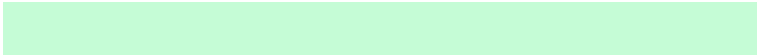
0.0000, 0.0000, 0.0000



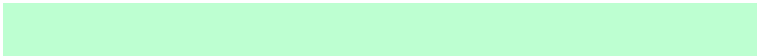
128.0000, -0.0000, -0.0000

Same Dimension

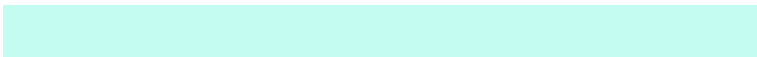
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.2230, -20.5820, -23.4780



230.0220, -24.5700, -28.2980



234.3010, -29.2490, -15.0810



120.0870, -4.8590, -5.5550



117.5550, -70.5930, -80.8090



37.9730, -22.8740, -25.9940

Inverse Universe

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



217.7770, 20.5820, 23.4780



213.9780, 24.5700, 28.2980



214.6990, 29.2490, 15.0810



116.9130, 4.8590, 5.5550



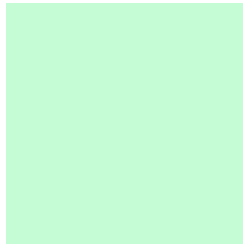
71.3310, 70.9140, 80.4980



23.0270, 22.8740, 25.9940

Previews

White Background



This preview shows how the YIQ color 231.2230, -20.5820, -23.4780 looks on a white background.

Color Contrast Check

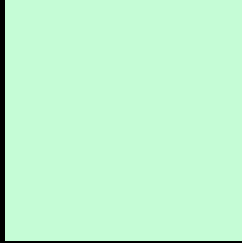
Large Text (above 18pt) WCAG AA × Fail

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 231.2230, -20.5820, -23.4780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

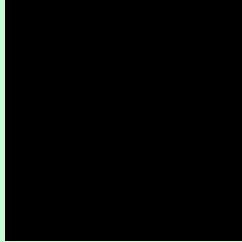
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

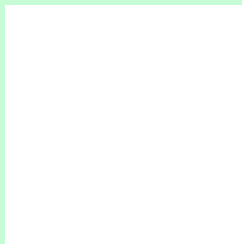
Any Text WCAG AAA ✓ Pass

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

YIQ 231.2230, -20.5820, -23.4780 Background



This preview shows how black text looks on a background with the YIQ color 231.2230, -20.5820, -23.4780.



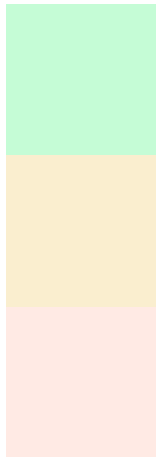
This preview shows how white text looks on a background with the YIQ color 231.2230, -20.5820, -23.4780.

-23.4780.

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

231.2230, -20.5820, -23.4780

Protanopia

238.0540, 17.1030, -7.0970

Deuteranopia

239.5950, 14.4420, 2.5860



Tritanopia

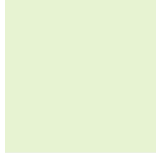
236.6050, -17.8810, -0.8330

Trichromacy



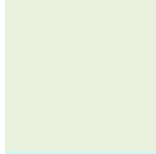
Original Color

231.2230, -20.5820, -23.4780



Protanomaly

235.6500, 3.4410, -12.8070



Deuteranomaly

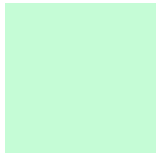
236.8550, 1.6060, -7.0820



Tritanomaly

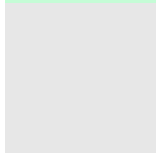
234.8510, -18.9340, -9.2860

Monochromacy



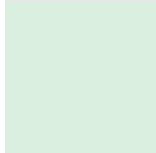
Original Color

231.2230, -20.5820, -23.4780



Achromatopsia

231.0000, -0.0000, -0.0000



Achromatomaly

231.4240, -7.4260, -8.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.2230, -20.5820, -23.4780 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, 252, 214)` looks like.

```
.text, #text, p{  
    color:rgb(197, 252, 214)  
}
```

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, 252, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 252, 214) }
```

Border

The CSS property to change the border of an element to YIQ 231.2230, -20.5820, -23.4780 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, 252, 214) }
```


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

```
.border{ border-color:rgb(197, 252, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 252, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 252, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 252, 214);  
box-shadow:4px 4px 4px 4px rgb(197, 252,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 231.2230, -20.5820, -23.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 252, 214) }
```

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

```
.background{ background-color: rgb(197,  
252, 214) }
```

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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