

Converting Colors

YIQ(235.2070, -31.6800,
-9.5680)

Have a look what the booklet for
YIQ(235.2070, -31.6800, -9.5680)
contains.

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Color

**YIQ(235.2070, -31.6800,
-9.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FAFE
RGB	199, 250, 254
RGB Percent	78%, 98%, 100%
CMY	0.2197, 0.0195, 0.0040
CMYK	0.22, 0.02, 0.00, 0.00
HSL	184°, 96%, 89%
HSV	184°, 22%, 100%
XYZ	75.6215, 87.6762, 106.6759
YIQ	235.2070, -31.6800, -9.5680

Conversions

Conversions Part 2

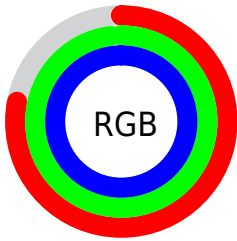
Format	Color
R_{YB}	199, 225, 254
Decimal	13105918
CIE _{Lab}	95.02, -15.24, -7.22
CIE _{LCh}	95, 16.865, 205.339
Yxy	87.6762, 0.2801, 0.3248
Android (android.graphics.Color)	4291295998 (0xFFC7FAFE)
YUV	235.2070, 9.2649, -31.7535
Hunter-Lab	93.6356, -19.7028, -2.0022

Details

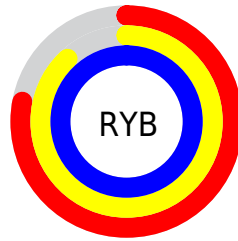
The YIQ color $235.2070, -31.6800, -9.5680$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $217.7930, 31.6800, 9.5680$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $178.8050, -30.4880, -9.1440$ is the 20% darker color. If you saturate the color by 10%, you get $226.5580, -46.0300, -13.8220$, and if you desaturate by 10%, it is $243.8560, -17.3300, -5.3140$.

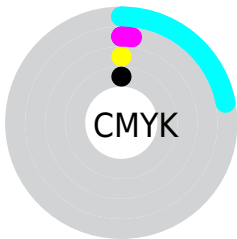
Distribution



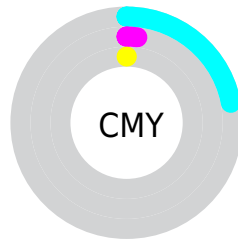
- Red (78%)
- Green (98%)
- Blue (100%)



- Red (78%)
- Yellow (88%)
- Blue (100%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.2070, -31.6800, -9.5680 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 235.2070, -31.6800, -9.5680 by changing the saturation by 10% instead.

■ 235.2070,
-31.6800, -9.5680

■ 235.2070,
-31.6800, -9.5680

■ 255.0000, -0.0000,
-0.0000

■ 206.5060,
-31.0840, -9.3560

■ 178.8050,
-30.4880, -9.1440

■ 151.8050,
-30.4880, -9.1440

■ 125.8050,
-30.4880, -9.1440

■ 100.1040,
-29.8920, -8.9320

■ 75.6910, -30.1670,
-9.4550

■ 50.3100, -33.4680,

-10.2040

■ 31.3000, -27.5080,
-8.0840

■ 17.1660, -15.2670,
-4.1550

■ 235.2070,
-31.6800, -9.5680

■ 235.2070,
-31.6800, -9.5680

■ 226.5580,
-46.0300, -13.8220

■ 243.8560,
-17.3300, -5.3140

■ 217.6100,
-60.9760, -18.2880

■ 252.8040, -2.3840,
-0.8480

■ 209.5480,
-75.6010, -23.0650

■ 254.8860, 0.3210,
-0.3110

■ 200.6000,
-90.5470, -27.5310

■ 191.9510,
-104.8970, -31.7850

■ 183.3020,
-119.2470, -36.0390

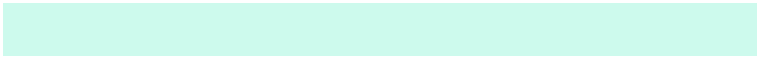
■ 174.3540,
-134.1930, -40.5050

■ 167.4880,
-146.4340, -44.4340

Harmonies

Analogous

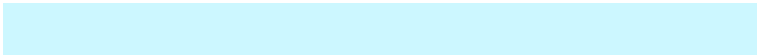
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.0630, -22.6470, -13.5830



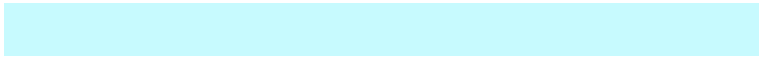
235.2070, -31.6800, -9.5680



235.0550, -28.1960, -6.6280

Triad

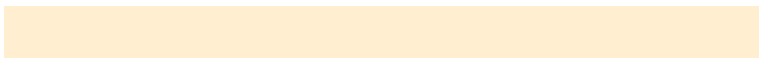
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.2070, -31.6800, -9.5680



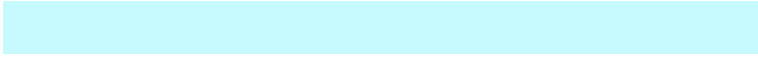
241.4990, 6.3250, 12.0290



240.2500, 19.4870, -6.2490

Complementary

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



235.2070, -31.6800, -9.5680



217.7930, 31.6800, 9.5680

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.



237.9990, 18.9360, -1.7680



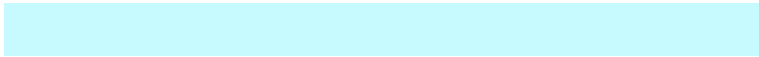
235.2070, -31.6800, -9.5680



239.0710, 10.4060, 9.6540

Square

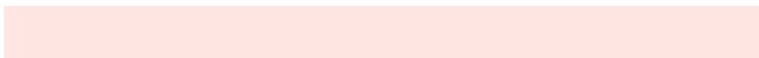
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.2070, -31.6800, -9.5680



240.2480, -3.3940, 6.4460



237.1330, 15.8630, 4.3670



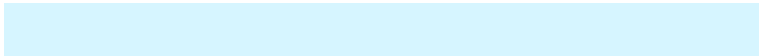
238.7430, 7.6130, -11.3230

Rectangle

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



235.2070, -31.6800, -9.5680



236.8710, -21.6860, -3.4620



237.1330, 15.8630, 4.3670



239.3040, 19.3950, -4.5810

Sweetspot

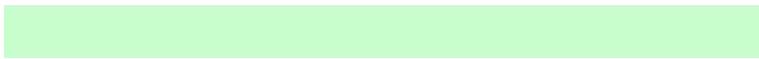
The Sweet Spot groups the original color and five complimentary colors.



235.2070, -31.6800, -9.5680



249.9280, -8.6650, -2.6570



231.7410, -16.4090, -27.5210



124.7220, -5.0890, -1.3850



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

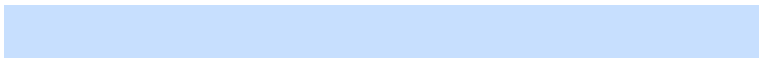
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.2070, -31.6800, -9.5680



232.3310, -37.9610, -11.3770



219.3580, -24.2550, 4.5530



123.5260, -7.4730, -2.2330



126.2600, -110.2610, -33.6930



41.9290, -36.7690, -10.9530

Inverse Universe

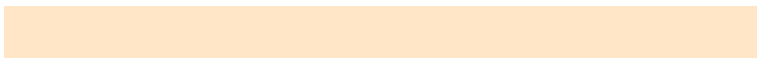
The Inverse Universe completely reimagines the original color for something new.



221.2590, 16.4090, 27.5210



215.6880, 19.7550, 32.9630



233.6420, 24.2550, -4.5530



120.2550, 3.8960, 6.4880



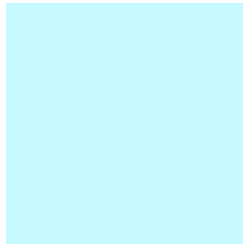
77.4010, 56.6980, 95.8500



25.8620, 19.2050, 31.9170

Previews

White Background



This preview shows how the YIQ color 235.2070, -31.6800, -9.5680 looks on a white background.

Color Contrast Check

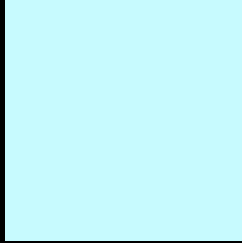
Large Text (above 18pt) WCAG AA × Fail

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 235.2070, -31.6800, -9.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

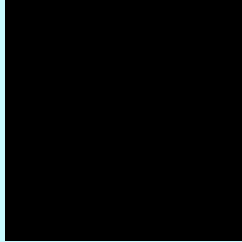
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.2070, -31.6800, -9.5680

Background



This preview shows how black text looks on a background with the YIQ color 235.2070, -31.6800, -9.5680.



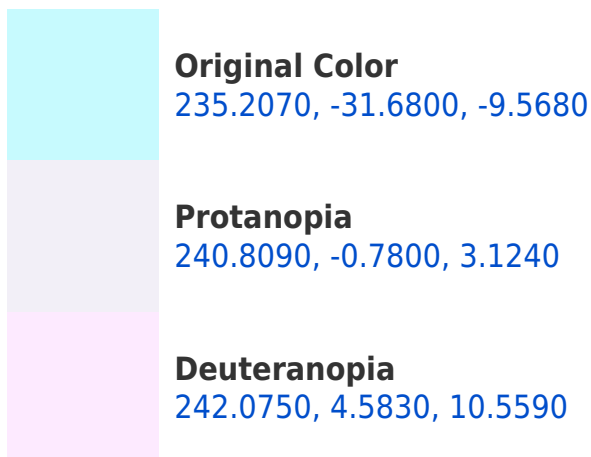
This preview shows how white text looks on a background with the YIQ color 235.2070, -31.6800, -9.5680.

-9.5680.

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

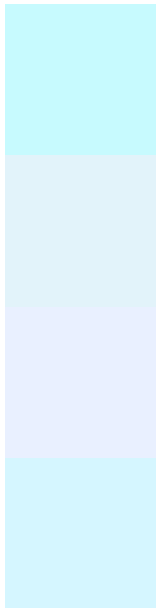




Tritanopia

238.3770, -17.2390, -1.4550

Trichromacy



Original Color

235.2070, -31.6800, -9.5680

Protanomaly

238.7150, -12.3790, -1.4270

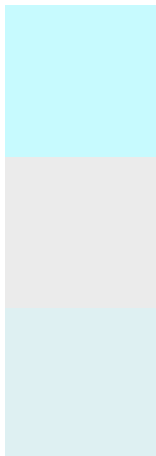
Deuteranomaly

239.6170, -8.9870, 3.1810

Tritanomaly

237.1590, -22.5570, -4.1970

Monochromacy



Original Color

235.2070, -31.6800, -9.5680

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

234.8460, -11.3700, -3.1940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.2070, -31.6800, -9.5680 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(199, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(199, 250, 254)  
}
```

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(199, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 250, 254) }
```

Border

The CSS property to change the border of an element to YIQ 235.2070, -31.6800, -9.5680 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(199, 250, 254) }
```


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

```
.border{ border-color:rgb(199, 250, 254) }
```

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

Here you see how a box with a 4 pixel rgb(199, 250, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(199, 250,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 235.2070, -31.6800, -9.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 250, 254) }
```

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

```
.background{ background-color: rgb(199,  
250, 254) }
```

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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