

Converting Colors

YIQ(231.9430, -22.1890,
-10.8690)

Have a look what the booklet for
YIQ(231.9430, -22.1890, -10.8690)
contains.

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Color

**YIQ(231.9430, -22.1890,
-10.8690)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF5EE
RGB	204, 245, 238
RGB Percent	80%, 96%, 93%
CMY	0.2001, 0.0391, 0.0667
CMYK	0.17, 0.00, 0.03, 0.04
HSL	170°, 67%, 88%
HSV	170°, 17%, 96%
XYZ	72.9819, 84.3207, 93.3017
YIQ	231.9430, -22.1890, -10.8690

Conversions

Conversions Part 2

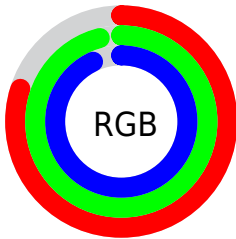
Format	Color
RYB	204, 226, 245
Decimal	13432302
CIELab	93.59, -14.51, -1.02
CIELCh	94, 14.549, 184.009
Yxy	84.3207, 0.2912, 0.3365
Android (android.graphics.Color)	4291622382 (0xFFCCF5EE)
YUV	231.9430, 2.9861, -24.5060
Hunter-Lab	91.8263, -18.8276, 4.0358

Details

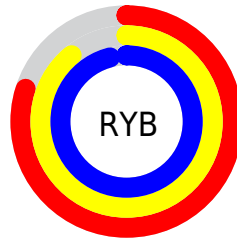
The YIQ color **231.9430, -22.1890, -10.8690** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **217.0570, 22.1890, 10.8690**, and the grayscale version is **232.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **176.2420, -21.5930, -10.6570** is the 20% darker color. If you saturate the color by 10%, you get **224.0120, -35.8050, -17.4130**, and if you desaturate by 10%, it is **239.5750, -9.1690, -4.5370**.

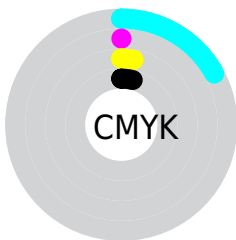
Distribution



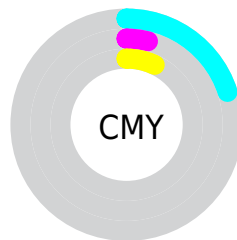
- Red (80%)
- Green (96%)
- Blue (93%)



- Red (80%)
- Yellow (89%)
- Blue (96%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.9430, -22.1890, -10.8690 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 231.9430, -22.1890, -10.8690 by changing the saturation by 10% instead.

■ 231.9430,
-22.1890, -10.8690

■ 231.9430,
-22.1890, -10.8690

255.0000, -0.0000,
-0.0000

■ 203.9430,
-22.1890, -10.8690

■ 176.2420,
-21.5930, -10.6570

■ 149.5410,
-20.9970, -10.4450

■ 123.2530,
-20.1260, -9.7100

■ 98.2530, -20.1260,
-9.7100

■ 73.6660, -19.8510,
-9.1870

■ 50.6660, -19.8510,

-9.1870

■ 28.1820, -21.3640,
-9.3000

■ 13.9230, -10.2690,
-6.6290

■ 231.9430,
-22.1890, -10.8690

■ 231.9430,
-22.1890, -10.8690

■ 224.0120,
-35.8050, -17.4130

■ 239.5750, -9.1690,
-4.5370

■ 216.3800,
-48.8250, -23.7450

■ 247.5060, 4.4470,
2.0070

■ 208.3350,
-62.1200, -30.6000

■ 248.6740, 4.0340,
3.9860

■ 200.7030,
-75.1400, -36.9320

■ 249.1300, 2.7500,
5.2300

■ 192.7720,
-88.7560, -43.4760

■ 185.1400,
-101.7760, -49.8080

■ 177.2090,
-115.3920, -56.3520

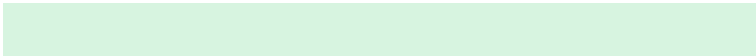
■ 169.4630,
-128.0910, -62.9950

■ 166.9570,
-132.5380, -65.0020

Harmonies

Analogous

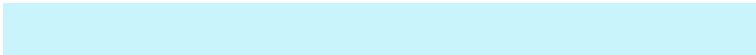
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.0490, -10.8640, -12.3680



231.9430, -22.1890, -10.8690



232.3540, -27.6000, -6.4160

Triad

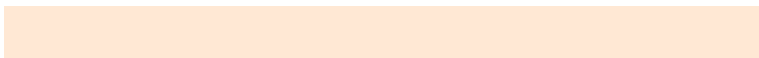
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.9430, -22.1890, -10.8690



237.6120, -1.4230, 9.2730



236.5970, 20.1280, -1.3440

Complementary

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



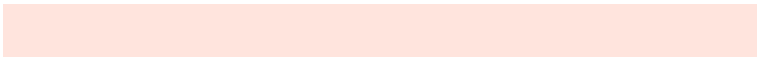
231.9430, -22.1890, -10.8690



217.0570, 22.1890, 10.8690

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.



235.2750, 18.3390, 3.5470



231.9430, -22.1890, -10.8690



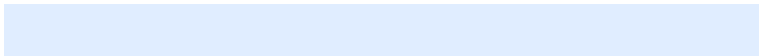
239.0540, 9.0760, 11.7320

Square

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



231.9430, -22.1890, -10.8690



235.1650, -13.5260, 2.8420



236.2840, 14.1200, 8.4240



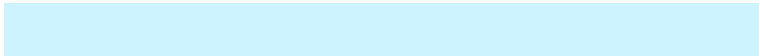
235.9120, 14.6270, -6.2770

Rectangle

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



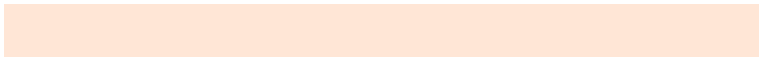
231.9430, -22.1890, -10.8690



233.0060, -26.5000, -4.3240



236.2840, 14.1200, 8.4240



235.6510, 20.0360, 0.3240

Sweetspot

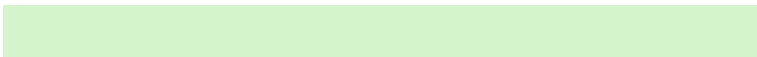
The Sweet Spot groups the original color and five complimentary colors.



231.9430, -22.1890, -10.8690



250.8850, -7.1060, -3.3780



230.4590, -6.5070, -19.7470



125.3800, -4.1260, -2.3180



0.0000, 0.0000, 0.0000



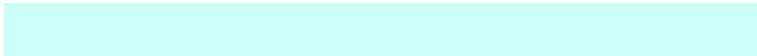
128.0000, -0.0000, -0.0000

Same Dimension

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



231.9430, -22.1890, -10.8690



238.7250, -27.5070, -13.6110



225.1100, -20.8610, -1.8930



118.1840, -6.5100, -3.1660



126.7380, -100.5840, -49.3840



40.2190, -31.9540, -15.6180

Inverse Universe

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



217.0570, 22.1890, 10.8690



220.2750, 27.5070, 13.6110



223.8900, 20.8610, 1.8930



113.8160, 6.5100, 3.1660



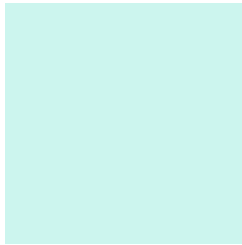
59.2620, 100.5840, 49.3840



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 231.9430, -22.1890, -10.8690 looks on a white background.

Color Contrast Check

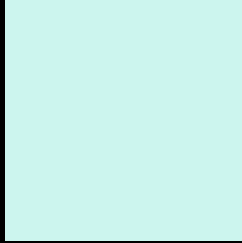
Large Text (above 18pt) WCAG AA × Fail

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 231.9430, -22.1890, -10.8690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

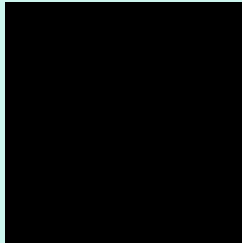
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

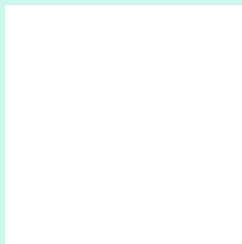
Any Text WCAG AAA ✓ Pass

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

YIQ 231.9430, -22.1890, -10.8690 Background



This preview shows how black text looks on a background with the YIQ color 231.9430, -22.1890, -10.8690.



This preview shows how white text looks on a background with the YIQ color 231.9430, -22.1890, -10.8690.

-10.8690.

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

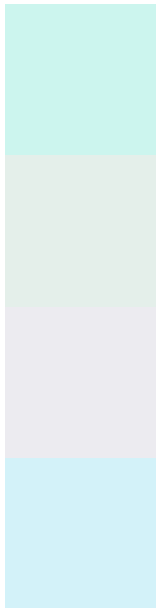




Tritanopia

234.2350, -19.7150, -0.6350

Trichromacy



Original Color

231.9430, -22.1890, -10.8690

Protanomaly

235.1410, -4.9510, -3.8870

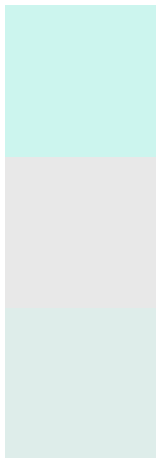
Deuteranomaly

235.8690, -1.0090, 1.7670

Tritanomaly

233.5290, -20.7230, -4.3950

Monochromacy



Original Color

231.9430, -22.1890, -10.8690

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.1730, -7.9770, -4.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.9430, -22.1890, -10.8690 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(204, 245, 238)` looks like.

```
.text, #text, p{  
    color:rgb(204, 245, 238)  
}
```

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(204, 245, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 245, 238) }
```

Border

The CSS property to change the border of an element to YIQ 231.9430, -22.1890, -10.8690 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(204, 245, 238) }
```


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

```
.border{ border-color:rgb(204, 245, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 245, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 245, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 245, 238);  
box-shadow:4px 4px 4px 4px rgb(204, 245,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 231.9430, -22.1890, -10.8690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 245, 238) }
```

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

```
.background{ background-color: rgb(204,  
245, 238) }
```

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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