

Converting Colors

YIQ(230.8590, -30.5800,
-7.4760)

Have a look what the booklet for
YIQ(230.8590, -30.5800, -7.4760)
contains.

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Color

**YIQ(230.8590, -30.5800,
-7.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F4FC
RGB	197, 244, 252
RGB Percent	77%, 96%, 99%
CMY	0.2275, 0.0430, 0.0119
CMYK	0.22, 0.03, 0.00, 0.01
HSL	189°, 90%, 88%
HSV	189°, 22%, 99%
XYZ	72.9410, 83.6061, 104.3616
YIQ	230.8590, -30.5800, -7.4760

Conversions

Conversions Part 2

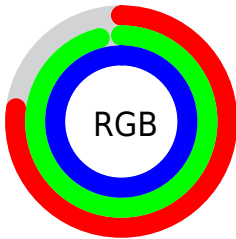
Format	Color
RYB	197, 222, 252
Decimal	12973308
CIELab	93.28, -13.26, -8.78
CIELCh	93, 15.904, 213.510
Yxy	83.6061, 0.2796, 0.3204
Android (android.graphics.Color)	4291163388 (0xFFC5F4FC)
YUV	230.8590, 10.4225, -29.6943
Hunter-Lab	91.4364, -17.6200, -3.6656

Details

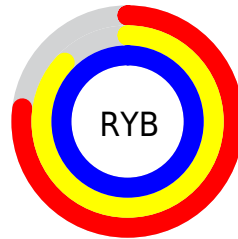
The YIQ color $230.8590, -30.5800, -7.4760$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $218.1410, 30.5800, 7.4760$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.7010, -0.5960, -0.2120$, and $175.0440, -29.6630, -7.5750$ is the 20% darker color. If you saturate the color by 10%, you get $221.0360, -44.3800, -10.6840$, and if you desaturate by 10%, it is $240.6820, -16.7800, -4.2680$.

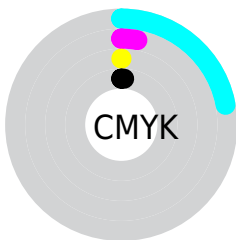
Distribution



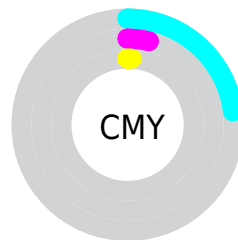
- Red (77%)
- Green (96%)
- Blue (99%)



- Red (77%)
- Yellow (87%)
- Blue (99%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.8590, -30.5800, -7.4760 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 230.8590, -30.5800, -7.4760 by changing the saturation by 10% instead.

■ 230.8590,
-30.5800, -7.4760

■ 230.8590,
-30.5800, -7.4760

255.0000, -0.0000,
-0.0000

■ 202.7450,
-30.2590, -7.7870

254.7010, -0.5960,
-0.2120

■ 175.0440,
-29.6630, -7.5750

■ 148.3430,
-29.0670, -7.3630

■ 121.7560,
-28.7920, -6.8400

■ 96.6420, -28.4710,
-7.1510

■ 72.3430, -29.0670,
-7.3630

■ 47.1470, -31.4510,

-8.2110

■ 28.1370, -25.4910,
-6.0910

■ 14.5900, -13.5250,
-2.6850

■ 230.8590,
-30.5800, -7.4760

■ 230.8590,
-30.5800, -7.4760

■ 221.0360,
-44.3800, -10.6840

■ 240.6820,
-16.7800, -4.2680

■ 211.8000,
-58.4550, -14.4150

■ 249.9180, -2.7050,
-0.5370

■ 201.6780,
-72.8510, -17.8350

■ 254.6580, 0.9630,
-0.9330

■ 191.8550,
-86.6510, -21.0430

■ 182.6190,
-100.7260, -24.7740

■ 172.7960,
-114.5260, -27.9820

■ 163.5600,
-128.6010, -31.7130

■ 155.5200,
-140.2920, -34.5960

Harmonies

Analogous

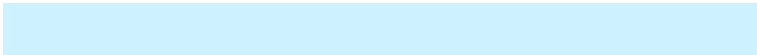
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.6330, -24.2520, -12.0280



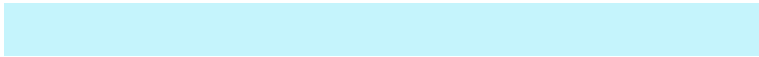
230.8590, -30.5800, -7.4760



231.8320, -25.9500, -3.2780

Triad

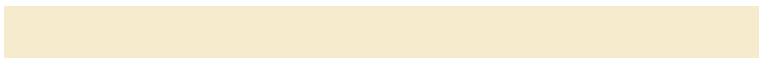
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.8590, -30.5800, -7.4760



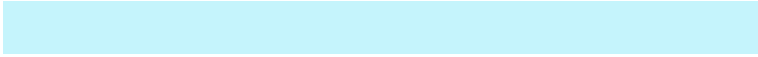
237.9940, 9.3050, 13.0890



234.8690, 16.1860, -6.9980

Complementary

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



230.8590, -30.5800, -7.4760



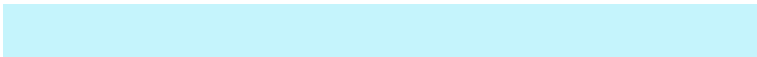
218.1410, 30.5800, 7.4760

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.



235.0810, 21.6410, -1.2310



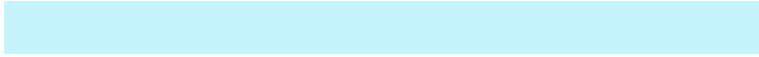
230.8590, -30.5800, -7.4760



234.9960, 14.9910, 9.1590

Square

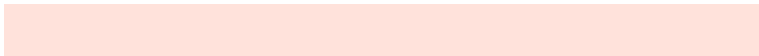
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.8590, -30.5800, -7.4760



236.7260, -1.7440, 9.5840



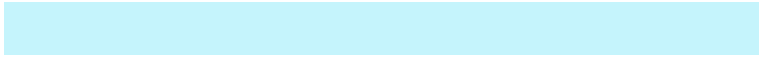
233.8730, 19.5310, 3.9710



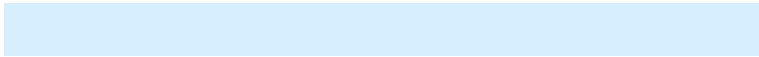
233.2910, 3.0740, -11.6620

Rectangle

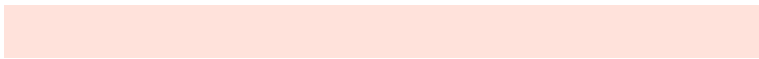
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.8590, -30.5800, -7.4760



233.0610, -19.1650, 0.4110



233.8730, 19.5310, 3.9710



235.6030, 19.9910, -4.3690

Sweetspot

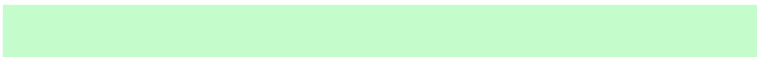
The Sweet Spot groups the original color and five complimentary colors.



230.8590, -30.5800, -7.4760



247.8570, -9.9030, -2.2470



230.0830, -17.3720, -26.5880



123.5370, -6.0060, -1.2860



0.0000, 0.0000, 0.0000



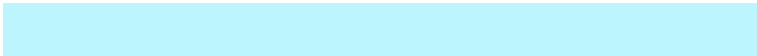
128.0000, -0.0000, -0.0000

Same Dimension

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



230.8590, -30.5800, -7.4760



229.3960, -36.5860, -8.7620



215.0100, -23.1550, 6.6450



119.9390, -7.1980, -1.7100



116.0530, -104.9440, -25.4240



37.4780, -33.8810, -8.2250

Inverse Universe

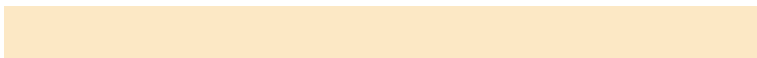
The Inverse Universe completely reimagines the original color for something new.



218.8030, 17.6930, 26.2770



215.1180, 21.3600, 31.4080



233.9900, 23.1550, -6.6450



117.1410, 4.2170, 6.1770



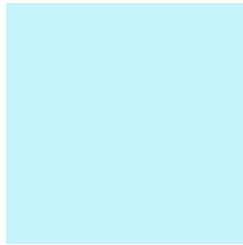
74.8650, 60.9630, 90.1390



24.1670, 19.6640, 29.1040

Previews

White Background



This preview shows how the YIQ color 230.8590, -30.5800, -7.4760 looks on a white background.

Color Contrast Check

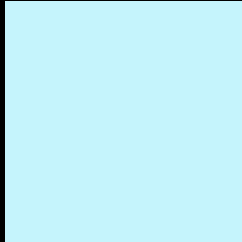
Large Text (above 18pt) WCAG AA × Fail

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 230.8590, -30.5800, -7.4760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

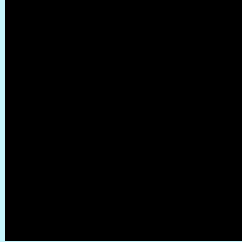
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.8590, -30.5800, -7.4760

Background



This preview shows how black text looks on a background with the YIQ color 230.8590, -30.5800, -7.4760.



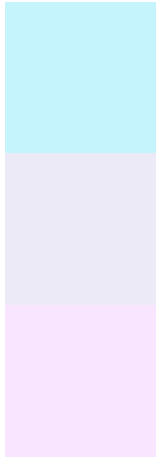
This preview shows how white text looks on a background with the YIQ color 230.8590, -30.5800, -7.4760.

-7.4760.

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

230.8590, -30.5800, -7.4760

Protanopia

235.9660, -2.6600, 4.1560

Deuteranopia

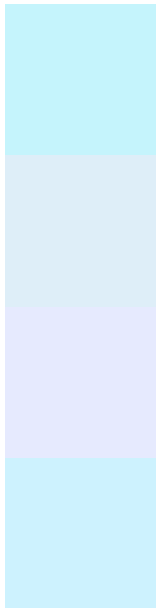
237.9440, 3.5740, 12.3260



Tritanopia

233.0280, -23.5660, -2.4300

Trichromacy



Original Color

230.8590, -30.5800, -7.4760

Protanomaly

234.3560, -12.7460, -0.2820

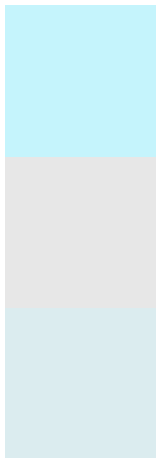
Deuteranomaly

235.0840, -8.8040, 5.3720

Tritanomaly

232.3050, -25.9040, -4.1120

Monochromacy



Original Color

230.8590, -30.5800, -7.4760

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.2590, -11.0950, -2.6710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.8590, -30.5800, -7.4760 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, 244, 252)` looks like.

```
.text, #text, p{  
    color:rgb(197, 244, 252)  
}
```

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, 244, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 244, 252) }
```

Border

The CSS property to change the border of an element to YIQ 230.8590, -30.5800, -7.4760 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, 244, 252) }
```


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

```
.border{ border-color:rgb(197, 244, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 244, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 244, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 244, 252);  
box-shadow:4px 4px 4px 4px rgb(197, 244,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 230.8590, -30.5800, -7.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 244, 252) }
```

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

```
.background{ background-color: rgb(197,  
244, 252) }
```

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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