

Converting Colors

YIQ(230.4130, -35.2560,
-10.8400)

Have a look what the booklet for
YIQ(230.4130, -35.2560, -10.8400)
contains.

YIQ(230.4130, -35.2560, -10.8400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(230.4130, -35.2560,
-10.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF7FB
RGB	190, 247, 251
RGB Percent	75%, 97%, 98%
CMY	0.2550, 0.0313, 0.0158
CMYK	0.24, 0.02, 0.00, 0.02
HSL	184°, 88%, 86%
HSV	184°, 24%, 98%
XYZ	71.9017, 84.4417, 103.7459
YIQ	230.4130, -35.2560, -10.8400

Conversions

Conversions Part 2

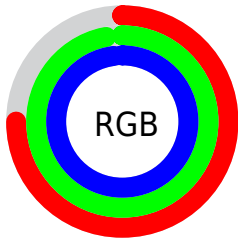
Format	Color
R_{YB}	190, 219, 251
Decimal	12515323
CIE _{Lab}	93.64, -17.01, -7.77
CIE _{LCh}	94, 18.698, 204.540
Yxy	84.4417, 0.2764, 0.3247
Android (android.graphics.Color)	4290705403 (0xFFBEF7FB)
YUV	230.4130, 10.1494, -35.4422
Hunter-Lab	91.8922, -21.1427, -2.6137

Details

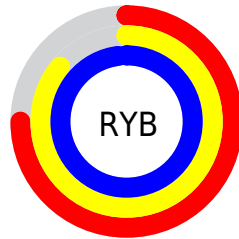
The YIQ color **230.4130, -35.2560, -10.8400** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **210.5870, 35.2560, 10.8400**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6080, -4.7680, -1.6960**, and **174.7120, -34.6600, -10.6280** is the 20% darker color. If you saturate the color by 10%, you get **221.7640, -49.6060, -15.0940**, and if you desaturate by 10%, it is **239.0620, -20.9060, -6.5860**.

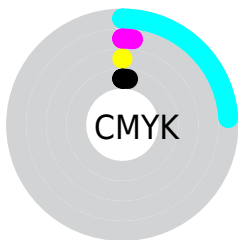
Distribution



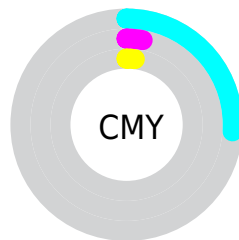
- Red (75%)
- Green (97%)
- Blue (98%)



- Red (75%)
- Yellow (86%)
- Blue (98%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (26%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.4130, -35.2560, -10.8400 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 230.4130, -35.2560, -10.8400 by changing the saturation by 10% instead.

230.4130,
-35.2560, -10.8400

230.4130,
-35.2560, -10.8400

255.0000, -0.0000,
-0.0000

201.7120,
-34.6600, -10.6280

252.6080, -4.7680,
-1.6960

174.5980,
-34.3390, -10.9390

147.0110,
-34.0640, -10.4160

121.0110,
-34.0640, -10.4160

95.5980, -34.3390,
-10.9390

70.1140, -35.8520,
-11.0520

45.2060, -39.1070,

-12.6350

■ 29.1970, -25.7200,
-7.4480

■ 15.7640, -14.0750,
-3.7310

■ 230.4130,
-35.2560, -10.8400

■ 230.4130,
-35.2560, -10.8400

■ 221.7640,
-49.6060, -15.0940

■ 239.0620,
-20.9060, -6.5860

■ 213.7020,
-64.2310, -19.8710

■ 247.1240, -6.2810,
-1.8090

■ 205.0530,
-78.5810, -24.1250

■ 252.7830, 2.1090,
0.3250

■ 196.9910,
-93.2060, -28.9020

■ 253.9570, 1.5590,
-0.7210

■ 188.0430,
-108.1520, -33.3680

254.5440, 1.2840,
-1.2440

■ 179.3940,
-122.5020, -37.6220

■ 171.3320,
-137.1270, -42.3990

■ 166.5590,
-145.1960, -44.8440

Harmonies

Analogous

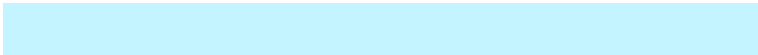
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.7530, -24.7100, -14.7420



230.4130, -35.2560, -10.8400



230.9020, -32.1390, -6.7550

Triad

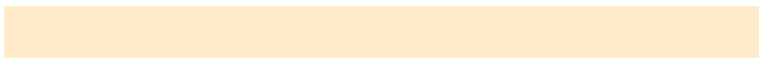
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.4130, -35.2560, -10.8400



239.1510, 7.4250, 14.1210



236.5170, 23.1090, -5.8110

Complementary

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



230.4130, -35.2560, -10.8400



210.5870, 35.2560, 10.8400

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.



234.3800, 22.2370, -1.0190



230.4130, -35.2560, -10.8400



235.7940, 12.7440, 11.3360

Square

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



230.4130, -35.2560, -10.8400



236.4050, -5.2740, 7.4780



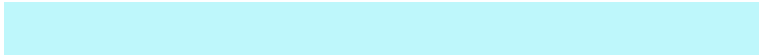
233.7420, 18.5220, 5.7380



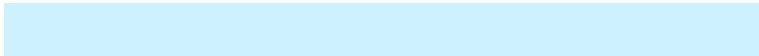
234.4010, 8.5760, -12.2560

Rectangle

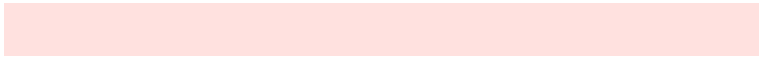
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.4130, -35.2560, -10.8400



232.1310, -25.3540, -3.0660



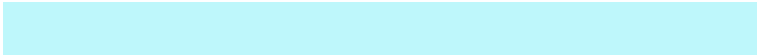
233.7420, 18.5220, 5.7380



235.4570, 23.3380, -4.4540

Sweetspot

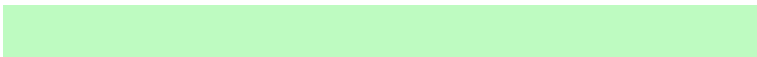
The Sweet Spot groups the original color and five complimentary colors.



230.4130, -35.2560, -10.8400



249.0310, -10.4530, -3.2930



226.1490, -17.7380, -30.9700



124.1240, -6.2810, -1.8090



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.



230.4130, -35.2560, -10.8400



229.9390, -42.7290, -13.0730



212.8030, -27.0060, 4.8500



120.5260, -7.4730, -2.2330



125.4450, -109.3440, -33.7920



40.4130, -35.2560, -10.8400

Inverse Universe

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



214.7370, 18.0590, 30.6590



210.9920, 21.9550, 37.1470



228.1970, 27.0060, -4.8500



117.2550, 3.8960, 6.4880



76.6890, 55.8270, 95.1150



24.7370, 18.0590, 30.6590

Previews

White Background



This preview shows how the YIQ color 230.4130, -35.2560, -10.8400 looks on a white background.

Color Contrast Check

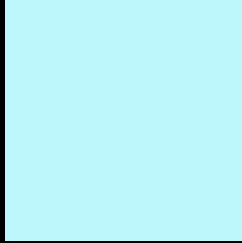
Large Text (above 18pt) WCAG AA × Fail

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 230.4130, -35.2560, -10.8400 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 230.4130, -35.2560, -10.8400 Background



This preview shows how black text looks on a background with the YIQ color 230.4130, -35.2560, -10.8400.



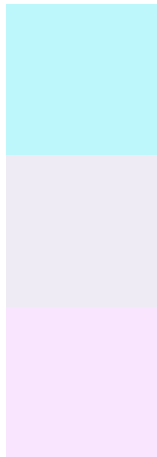
This preview shows how white text looks on a background with the YIQ color 230.4130, -35.2560, -10.8400.

-10.8400.

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

230.4130, -35.2560, -10.8400

Protanopia

236.9230, -1.1010, 3.4350

Deuteranopia

238.2430, 4.1700, 12.5380



Tritanopia

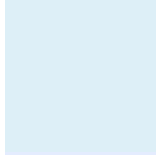
233.6150, -23.8410, -2.9530

Trichromacy



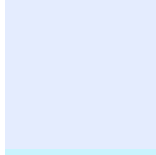
Original Color

230.4130, -35.2560, -10.8400



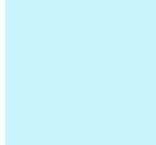
Protanomaly

234.5300, -13.2960, -1.3280



Deuteranomaly

235.6600, -10.5460, 3.9020



Tritanomaly

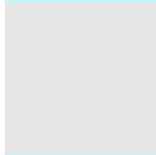
232.5820, -28.2420, -5.7940

Monochromacy



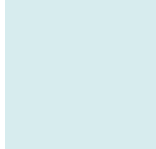
Original Color

230.4130, -35.2560, -10.8400



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

229.9490, -13.1580, -3.8300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.4130, -35.2560, -10.8400 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(190, 247, 251)` looks like.

```
.text, #text, p{  
    color:rgb(190, 247, 251)  
}
```

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(190, 247, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 247, 251) }
```

Border

The CSS property to change the border of an element to YIQ 230.4130, -35.2560, -10.8400 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(190, 247, 251) }
```


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

```
.border{ border-color:rgb(190, 247, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 247, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 247, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 247, 251);  
box-shadow:4px 4px 4px 4px rgb(190, 247,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 230.4130, -35.2560, -10.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 247, 251) }
```

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

```
.background{ background-color: rgb(190,  
247, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor