

Converting Colors

YIQ(215.8460, -37.7330,
-4.4930)

Have a look what the booklet for
YIQ(215.8460, -37.7330, -4.4930)
contains.

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Color

**YIQ(215.8460, -37.7330,
-4.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E5FA
RGB	177, 229, 250
RGB Percent	69%, 90%, 98%
CMY	0.3060, 0.1019, 0.0198
CMYK	0.29, 0.08, 0.00, 0.02
HSL	197°, 88%, 84%
HSV	197°, 29%, 98%
XYZ	63.3991, 72.2940, 101.0203
YIQ	215.8460, -37.7330, -4.4930

Conversions

Conversions Part 2

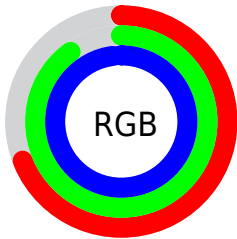
Format	Color
R_{YB}	177, 207, 250
Decimal	11658746
CIE _{Lab}	88.11, -11.88, -15.57
CIE _{LCh}	88, 19.581, 232.647
Yxy	72.2940, 0.2678, 0.3054
Android (android.graphics.Color)	4289848826 (0xFFB1E5FA)
YUV	215.8460, 16.8379, -34.0679
Hunter-Lab	85.0259, -15.6978, -10.9251

Details

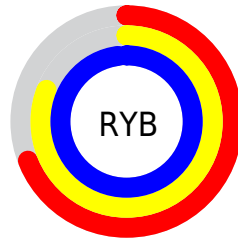
The YIQ color $215.8460, -37.7330, -4.4930$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $211.1540, 37.7330, 4.4930$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7210, -12.5160, -4.4520$, and $160.7320, -37.4120, -4.8040$ is the 20% darker color. If you saturate the color by 10%, you get $204.2620, -50.7080, -6.1320$, and if you desaturate by 10%, it is $227.4300, -24.7580, -2.8540$.

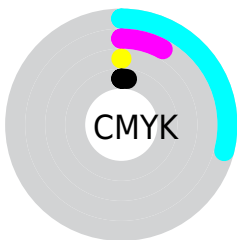
Distribution



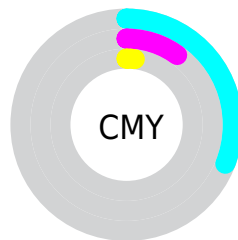
- Red (69%)
- Green (90%)
- Blue (98%)



- Red (69%)
- Yellow (81%)
- Blue (98%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.8460, -37.7330, -4.4930 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 215.8460, -37.7330, -4.4930 by changing the saturation by 10% instead.

■ 215.8460,
-37.7330, -4.4930

■ 215.8460,
-37.7330, -4.4930

■ 255.0000, -0.0000,
-0.0000

■ 187.7320,
-37.4120, -4.8040

■ 248.7210,
-12.5160, -4.4520

■ 160.6180,
-37.0910, -5.1150

■ 133.9170,
-36.4950, -4.9030

■ 107.6180,
-37.0910, -5.1150

■ 82.2050, -37.3660,
-5.6380

■ 55.8020, -43.6010,
-8.2810

■ 36.8740, -34.9360,

-5.6240

■ 22.0390, -22.0990,
-1.4830

■ 3.3230, -7.9790,
6.9410

■ 215.8460,
-37.7330, -4.4930

■ 215.8460,
-37.7330, -4.4930

■ 204.2620,
-50.7080, -6.1320

■ 227.4300,
-24.7580, -2.8540

■ 192.6780,
-63.6830, -7.7710

■ 239.0140,
-11.7830, -1.2150

■ 181.0940,
-76.6580, -9.4100

■ 251.1850, 0.9170,
-0.0990

■ 168.9230,
-89.3580, -10.5260

■ 254.4300, 1.6050,
-1.5550

■ 157.3390,
-102.3330, -12.1650

■ 145.7550,
-115.3080, -13.8040

■ 134.1710,
-128.2830, -15.4430

■ 132.9860,
-129.2000, -15.3440

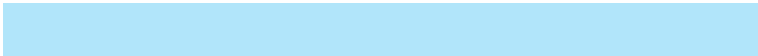
Harmonies

Analogous

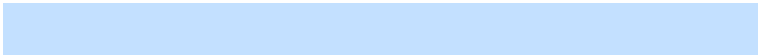
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.4020, -36.7230, -11.7870



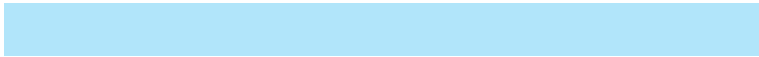
215.8460, -37.7330, -4.4930



218.8630, -27.2350, 3.4930

Triad

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



215.8460, -37.7330, -4.4930



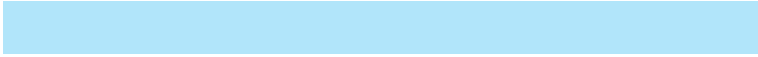
224.1050, 22.2340, 15.5620



218.8850, 10.0890, -12.1430

Complementary

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



215.8460, -37.7330, -4.4930



211.1540, 37.7330, 4.4930

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.



220.7020, 24.0260, -5.9100



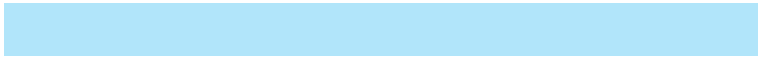
215.8460, -37.7330, -4.4930



222.5260, 28.0580, 9.1300

Square

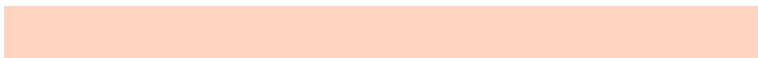
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.8460, -37.7330, -4.4930



224.3190, 7.0120, 16.1000



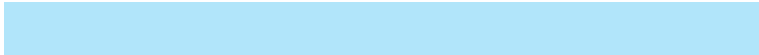
222.5770, 32.0480, 2.8960



216.4960, -7.9290, -16.0010

Rectangle

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



215.8460, -37.7330, -4.4930



221.2990, -16.5990, 8.9770



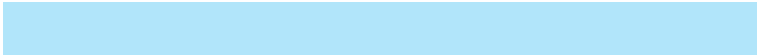
222.5770, 32.0480, 2.8960



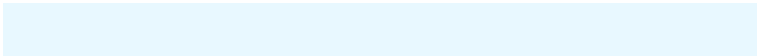
219.5760, 15.4530, -10.2350

Sweetspot

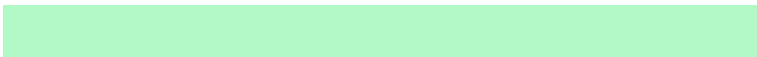
The Sweet Spot groups the original color and five complimentary colors.



215.8460, -37.7330, -4.4930



244.0140, -11.7830, -1.2150



222.2450, -26.8160, -31.6480



120.5800, -7.5650, -0.5650



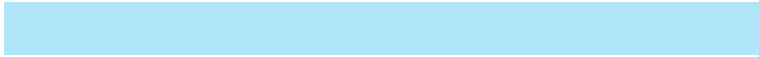
0.0000, 0.0000, 0.0000



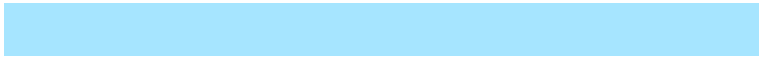
128.0000, -0.0000, -0.0000

Same Dimension

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



215.8460, -37.7330, -4.4930



213.1270, -45.8940, -5.2700



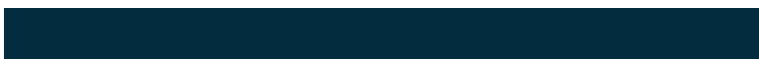
194.7140, -27.8330, 14.3350



118.7650, -6.6480, -0.6640



100.7910, -97.7940, -11.8260



32.7820, -31.6810, -4.0410

Inverse Universe

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



204.7550, 26.8160, 31.6480



199.7930, 32.8210, 38.4610



232.2860, 27.8330, -14.3350



116.9130, 4.8590, 5.5550



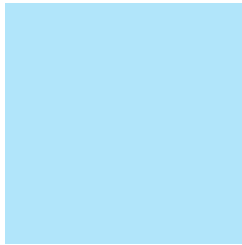
71.9010, 69.3090, 82.0530



23.2550, 22.2320, 26.6160

Previews

White Background



This preview shows how the YIQ color 215.8460, -37.7330, -4.4930 looks on a white background.

Color Contrast Check

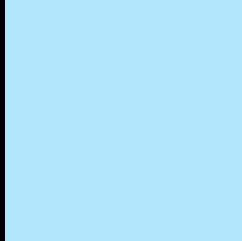
Large Text (above 18pt) WCAG AA × Fail

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 215.8460, -37.7330, -4.4930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

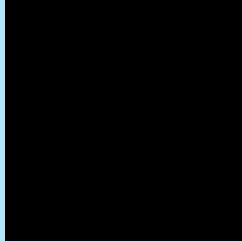
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.8460, -37.7330, -4.4930

Background



This preview shows how black text looks on a background with the YIQ color 215.8460, -37.7330, -4.4930.



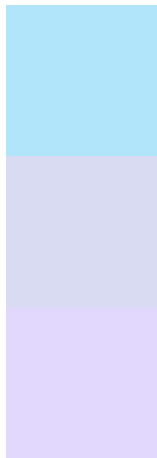
This preview shows how white text looks on a background with the YIQ color 215.8460, -37.7330, -4.4930.

-4.4930.

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

215.8460, -37.7330, -4.4930

Protanopia

221.1380, -8.8960, 7.0400

Deuteranopia

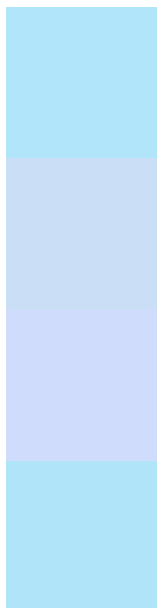
222.6210, -5.6420, 14.1500



Tritanopia

215.3190, -37.6870, -5.3270

Trichromacy



Original Color

215.8460, -37.7330, -4.4930

Protanomaly

219.3430, -19.8990, 2.7010

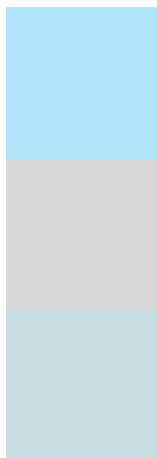
Deuteranomaly

220.0600, -17.4240, 7.4080

Tritanomaly

215.4330, -38.0080, -5.0160

Monochromacy



Original Color

215.8460, -37.7330, -4.4930

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.1170, -13.5710, -1.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.8460, -37.7330, -4.4930 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(177, 229, 250)` looks like.

```
.text, #text, p{  
    color:rgb(177, 229, 250)  
}
```

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(177, 229, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 229, 250) }
```

Border

The CSS property to change the border of an element to YIQ 215.8460, -37.7330, -4.4930 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(177, 229, 250) }
```


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

```
.border{ border-color:rgb(177, 229, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 229, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 229, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 229, 250);  
box-shadow:4px 4px 4px 4px rgb(177, 229,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 215.8460, -37.7330, -4.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 229, 250) }
```

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

```
.background{ background-color: rgb(177,  
229, 250) }
```

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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