

Converting Colors

YIQ(214.9000, -37.8250,
-2.8250)

Have a look what the booklet for
YIQ(214.9000, -37.8250, -2.8250)
contains.

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Color

**YIQ(214.9000, -37.8250,
-2.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E3FC
RGB	177, 227, 252
RGB Percent	69%, 89%, 99%
CMY	0.3060, 0.1097, 0.0119
CMYK	0.30, 0.10, 0.00, 0.01
HSL	200°, 92%, 84%
HSV	200°, 30%, 99%
XYZ	63.1641, 71.3193, 102.4964
YIQ	214.9000, -37.8250, -2.8250

Conversions

Conversions Part 2

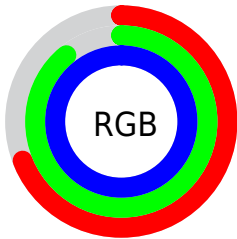
Format	Color
R _Y B	177, 207, 252
Decimal	11658236
CIE Lab	87.64, -10.39, -17.32
CIE LCh	88, 20.201, 239.031
Yxy	71.3193, 0.2665, 0.3010
Android (android.graphics.Color)	4289848316 (0xFFB1E3FC)
YUV	214.9000, 18.2903, -33.2383
Hunter-Lab	84.4507, -14.2813, -12.8438

Details

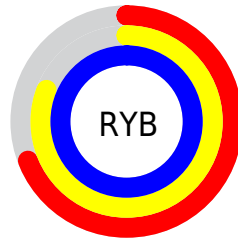
The YIQ color $214.9000, -37.8250, -2.8250$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.1000, 37.8250, 2.8250$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.7210, -12.5160, -4.4520$, and $159.6720, -37.1830, -3.4470$ is the 20% darker color. If you saturate the color by 10%, you get $202.7290, -50.5250, -3.9410$, and if you desaturate by 10%, it is $227.0710, -25.1250, -1.7090$.

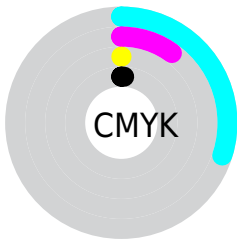
Distribution



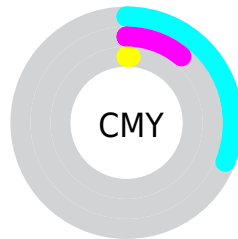
- Red (69%)
- Green (89%)
- Blue (99%)



- Red (69%)
- Yellow (81%)
- Blue (99%)



- Cyan (30%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (31%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.9000, -37.8250, -2.8250 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 214.9000, -37.8250, -2.8250 by changing the saturation by 10% instead.

■ 214.9000,
-37.8250, -2.8250

■ 214.9000,
-37.8250, -2.8250

■ 255.0000, -0.0000,
-0.0000

■ 186.7860,
-37.5040, -3.1360

■ 248.7210,
-12.5160, -4.4520

■ 159.6720,
-37.1830, -3.4470

■ 132.9710,
-36.5870, -3.2350

■ 106.6720,
-37.1830, -3.4470

■ 81.5470, -38.3290,
-4.7050

■ 54.7420, -43.3720,
-6.9240

■ 36.5150, -35.3030,

-4.4790

■ 21.5660, -22.1450,
-0.6490

■ 3.4370, -8.3000,
7.2520

■ 214.9000,
-37.8250, -2.8250

■ 214.9000,
-37.8250, -2.8250

■ 202.7290,
-50.5250, -3.9410

■ 227.0710,
-25.1250, -1.7090

■ 189.9710,
-62.9500, -4.5340

■ 239.8290,
-12.7000, -1.1160

■ 177.5010,
-76.2460, -5.8620

■ 252.2990, 0.5960,
0.2120

■ 165.3300,
-88.9460, -6.9780

■ 254.6580, 0.9630,
-0.9330

■ 152.5720,
-101.3710, -7.5710

■ 140.4010,
-114.0710, -8.6870

■ 127.6430,
-126.4960, -9.2800

■ 127.3440,
-127.0920, -9.4920

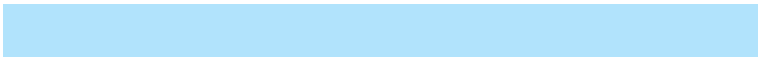
Harmonies

Analogous

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



212.6730, -38.9240, -10.4440



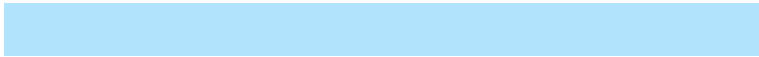
214.9000, -37.8250, -2.8250



218.2870, -25.4930, 4.9630

Triad

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



214.9000, -37.8250, -2.8250



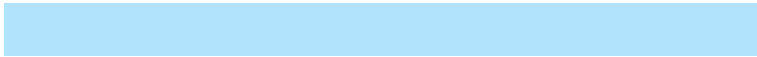
222.3610, 24.3890, 15.0530



216.6780, 6.2380, -13.9380

Complementary

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



214.9000, -37.8250, -2.8250



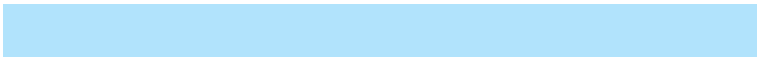
214.1000, 37.8250, 2.8250

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.



219.2780, 22.2840, -7.3800



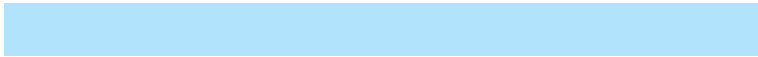
214.9000, -37.8250, -2.8250



220.7820, 30.2130, 8.6210

Square

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



214.9000, -37.8250, -2.8250



222.9990, 10.9090, 17.0610



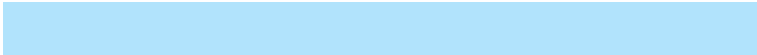
221.1100, 31.8650, 0.7050



214.8160, -11.8260, -16.9620

Rectangle

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



214.9000, -37.8250, -2.8250



220.4350, -13.9860, 11.1820



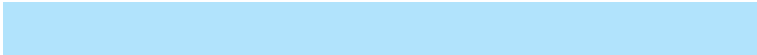
221.1100, 31.8650, 0.7050



217.5540, 12.5190, -12.1290

Sweetspot

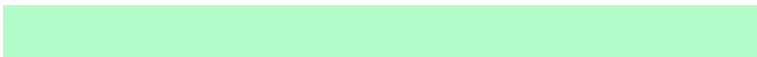
The Sweet Spot groups the original color and five complimentary colors.



214.9000, -37.8250, -2.8250



243.4270, -11.5080, -0.6920



223.7610, -28.3290, -31.7610



120.5800, -7.5650, -0.5650



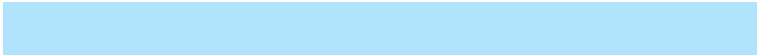
0.0000, 0.0000, 0.0000



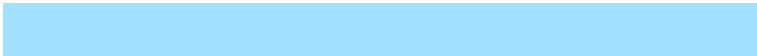
128.0000, -0.0000, -0.0000

Same Dimension

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



214.9000, -37.8250, -2.8250



209.2950, -46.3070, -3.2910



193.7680, -27.9250, 16.0030



118.7650, -6.6480, -0.6640



95.5080, -95.3190, -7.1190



31.0210, -30.8560, -2.4720

Inverse Universe

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



205.1250, 28.6500, 31.4500



197.4620, 35.2510, 38.4750



235.2320, 27.9250, -16.0030



116.9130, 4.8590, 5.5550



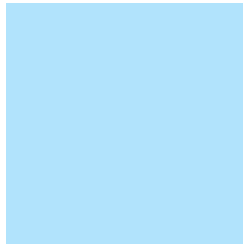
70.8750, 72.1980, 79.2540



22.9130, 23.1950, 25.6830

Previews

White Background



This preview shows how the YIQ color 214.9000, -37.8250, -2.8250 looks on a white background.

Color Contrast Check

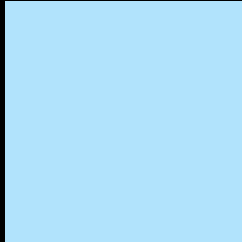
Large Text (above 18pt) WCAG AA × Fail

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 214.9000, -37.8250, -2.8250 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

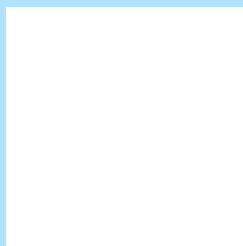
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 214.9000, -37.8250, -2.8250

Background



This preview shows how black text looks on a background with the YIQ color 214.9000, -37.8250, -2.8250.



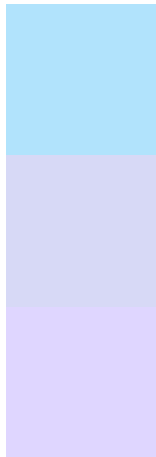
This preview shows how white text looks on a background with the YIQ color 214.9000, -37.8250, -2.8250.

-2.8250.

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

214.9000, -37.8250, -2.8250

Protanopia

219.7080, -10.5010, 8.5950

Deuteranopia

221.3650, -7.7970, 14.6590



Tritanopia

214.5040, -36.7700, -5.4260

Trichromacy



Original Color

214.9000, -37.8250, -2.8250

Protanomaly

218.0980, -20.5870, 4.1570

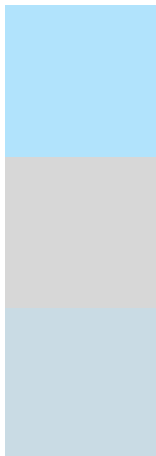
Deuteranomaly

219.1030, -18.9830, 8.1290

Tritanomaly

214.7320, -37.4120, -4.8040

Monochromacy



Original Color

214.9000, -37.8250, -2.8250

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.6440, -13.6170, -1.0170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.9000, -37.8250, -2.8250 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, 227, 252)` looks like.

```
.text, #text, p{  
    color:rgb(177, 227, 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(177, 227, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 227, 252) }
```

Border

The CSS property to change the border of an element to YIQ 214.9000, -37.8250, -2.8250 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, 227, 252) }
```


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

```
.border{ border-color:rgb(177, 227, 252) }
```

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

Here you see how a box with a 4 pixel rgb(177, 227, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 227, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 227, 252);  
box-shadow:4px 4px 4px 4px rgb(177, 227,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 214.9000, -37.8250, -2.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 227, 252) }
```

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

```
.background{ background-color: rgb(177,  
227, 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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