

Converting Colors

YIQ(217.4130, -35.2560,
-10.8400)

Have a look what the booklet for
YIQ(217.4130, -35.2560, -10.8400)
contains.

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Color

**YIQ(217.4130, -35.2560,
-10.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	B1EAE6
RGB	177, 234, 238
RGB Percent	69%, 92%, 93%
CMY	0.3060, 0.0822, 0.0668
CMYK	0.26, 0.02, 0.00, 0.07
HSL	184°, 64%, 81%
HSV	184°, 26%, 93%
XYZ	62.9806, 74.3733, 91.8969
YIQ	217.4130, -35.2560, -10.8400

Conversions

Conversions Part 2

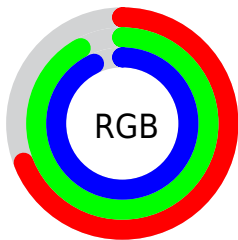
Format	Color
R_{YB}	177, 206, 238
Decimal	11660014
CIE Lab	89.10, -17.11, -7.80
CIE LCh	89, 18.801, 204.519
Yxy	74.3733, 0.2747, 0.3244
Android (android.graphics.Color)	4289850094 (0xFFB1EAEE)
YUV	217.4130, 10.1494, -35.4422
Hunter-Lab	86.2400, -20.5623, -2.8112

Details

The YIQ color **217.4130, -35.2560, -10.8400** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **197.5870, 35.2560, 10.8400**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7210, -12.5160, -4.4520**, and **162.0110, -34.0640, -10.4160** is the 20% darker color. If you saturate the color by 10%, you get **209.0630, -49.0100, -14.8820**, and if you desaturate by 10%, it is **225.7630, -21.5020, -6.7980**.

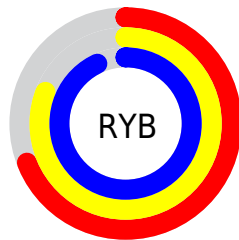
Distribution



Red (69%)

Green (92%)

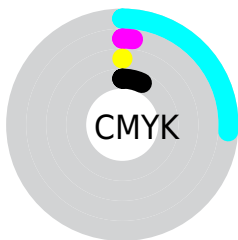
Blue (93%)



Red (69%)

Yellow (81%)

Blue (93%)

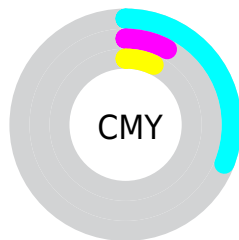


Cyan (26%)

Magenta (2%)

Yellow (0%)

Black (7%)



Cyan (31%)

Magenta (8%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.4130, -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 217.4130, -35.2560, -10.8400 by changing the saturation by 10% instead.

■ 217.4130,
-35.2560, -10.8400

■ 217.4130,
-35.2560, -10.8400

■ 255.0000, -0.0000,
-0.0000

■ 189.4130,
-35.2560, -10.8400

■ 248.7210,
-12.5160, -4.4520

■ 162.0110,
-34.0640, -10.4160

■ 135.0110,
-34.0640, -10.4160

■ 109.0110,
-34.0640, -10.4160

■ 83.7120, -34.6600,
-10.6280

■ 57.9180, -38.2360,
-11.9000

■ 37.6090, -32.8720,

-9.9920

■ 22.8880, -20.3560,
-5.5400

■ 2.2970, -5.0900,
4.1420

■ 217.4130,
-35.2560, -10.8400

■ 217.4130,
-35.2560, -10.8400

■ 209.0630,
-49.0100, -14.8820

■ 225.7630,
-21.5020, -6.7980

■ 201.3000,
-63.0390, -19.4470

■ 233.5260, -7.4730,
-2.2330

■ 193.2490,
-76.1970, -23.2770

■ 241.5770, 5.6850,
1.5970

■ 185.4860,
-90.2260, -27.8420

■ 244.2570, 9.5820,
2.5580

■ 177.1360,
-103.9800, -31.8840

■ 245.4310, 9.0320,
1.5120

■ 169.3730,
-118.0090, -36.4490

■ 246.0180, 8.7570,
0.9890

■ 161.0230,
-131.7630, -40.4910

■ 247.1920, 8.2070,
-0.0570

■ 158.0330,
-137.7230, -42.6110

■ 247.7790, 7.9320,
-0.5800

■ 248.9530, 7.3820,
-1.6260

Harmonies

Analogous

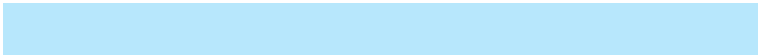
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.7530, -24.7100, -14.7420



217.4130, -35.2560, -10.8400



219.0420, -35.3490, -3.6450

Triad

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



217.4130, -35.2560, -10.8400



227.0910, 7.6540, 15.4780



223.2180, 22.5130, -6.0230

Complementary

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



217.4130, -35.2560, -10.8400



197.5870, 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.



225.2670, 29.9850, 1.7370



217.4130, -35.2560, -10.8400



226.6810, 20.4920, 14.0920

Square

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



217.4130, -35.2560, -10.8400



224.8870, -9.4470, 11.5210



224.6290, 26.2700, 8.4940



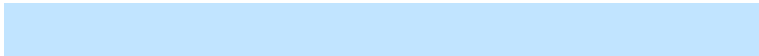
221.4010, 8.5760, -12.2560

Rectangle

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



217.4130, -35.2560, -10.8400



220.6130, -29.5270, 0.9770



224.6290, 26.2700, 8.4940



224.0660, 25.9970, -3.0830

Sweetspot

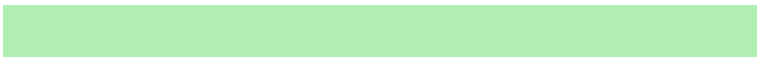
The Sweet Spot groups the original color and five complimentary colors.



217.4130, -35.2560, -10.8400



248.4330, -11.6450, -3.7170



213.1490, -17.7380, -30.9700



123.5260, -7.4730, -2.2330



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.



217.4130, -35.2560, -10.8400



228.4440, -45.7090, -14.1330



199.8030, -27.0060, 4.8500



115.8250, -6.8770, -2.0210



121.9400, -106.3640, -32.7320



36.9080, -32.2760, -9.7800

Inverse Universe

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



201.7370, 18.0590, 30.6590



208.0570, 23.3300, 39.7620



215.1970, 27.0060, -4.8500



112.8420, 3.6210, 5.9650



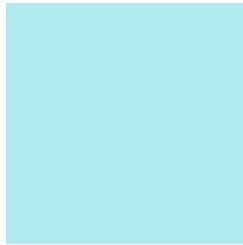
74.6240, 54.4520, 92.5000



22.6720, 16.6840, 28.0440

Previews

White Background



This preview shows how the YIQ color 217.4130, -35.2560, -10.8400 looks on a white background.

Color Contrast Check

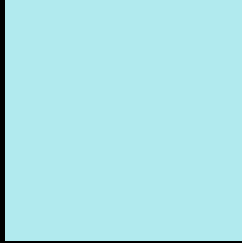
Large Text (above 18pt) WCAG AA × Fail

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 217.4130, -35.2560, -10.8400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

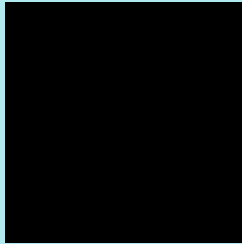
Any Text WCAG AA ✓ Pass

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 217.4130, -35.2560, -10.8400 Background



This preview shows how black text looks on a background with the YIQ color 217.4130, -35.2560, -10.8400.



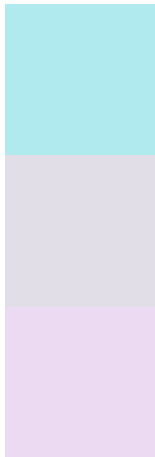
This preview shows how white text looks on a background with the YIQ color 217.4130, -35.2560, -10.8400.

-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

217.4130, -35.2560, -10.8400

Protanopia

223.9230, -1.1010, 3.4350

Deuteranopia

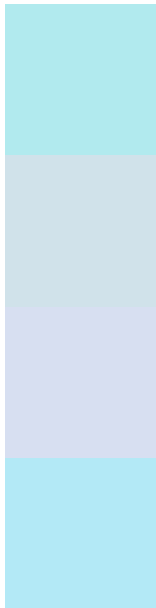
225.5310, 3.2990, 11.8030



Tritanopia

218.6180, -37.0910, -5.1150

Trichromacy



Original Color

217.4130, -35.2560, -10.8400

Protanomaly

221.5300, -13.2960, -1.3280

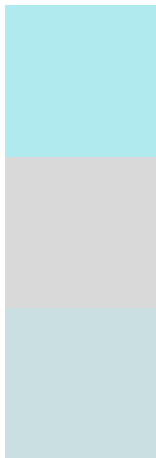
Deuteranomaly

222.6600, -10.5460, 3.9020

Tritanomaly

218.3360, -36.3570, -7.4050

Monochromacy



Original Color

217.4130, -35.2560, -10.8400

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.9490, -13.1580, -3.8300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.4130, -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(177, 234, 238)` looks like.

```
.text, #text, p{  
    color:rgb(177, 234, 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(177, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 234, 238) }
```

Border

The CSS property to change the border of an element to YIQ 217.4130, -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(177, 234, 238) }
```


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

```
.border{ border-color:rgb(177, 234, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 234, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(177, 234,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 217.4130, -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(177, 234, 238) }
```

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

```
.background{ background-color: rgb(177,  
234, 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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