

Converting Colors

YIQ(223.2290, -37.9140,
-17.7380)

Have a look what the booklet for
YIQ(223.2290, -37.9140, -17.7380)
contains.

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Color

**YIQ(223.2290, -37.9140,
-17.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	B0F5EB
RGB	176, 245, 235
RGB Percent	69%, 96%, 92%
CMY	0.3100, 0.0391, 0.0786
CMYK	0.28, 0.00, 0.04, 0.04
HSL	171°, 78%, 83%
HSV	171°, 28%, 96%
XYZ	65.5460, 80.5434, 90.6615
YIQ	223.2290, -37.9140, -17.7380

Conversions

Conversions Part 2

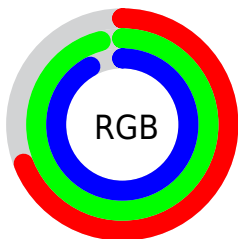
Format	Color
R_{YB}	176, 213, 245
Decimal	11597291
CIE _{Lab}	91.93, -23.46, -2.07
CIE _{LCh}	92, 23.553, 185.049
Yxy	80.5434, 0.2769, 0.3402
Android (android.graphics.Color)	4289787371 (0xFFB0F5EB)
YUV	223.2290, 5.8031, -41.4198
Hunter-Lab	89.7460, -26.6880, 2.9274

Details

The YIQ color **223.2290, -37.9140, -17.7380** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **197.7710, 37.9140, 17.7380**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **248.4220, -13.1120, -4.6640**, and **167.5280, -37.3180, -17.5260** is the 20% darker color. If you saturate the color by 10%, you get **215.2980, -51.5300, -24.2820**, and if you desaturate by 10%, it is **230.8610, -24.8940, -11.4060**.

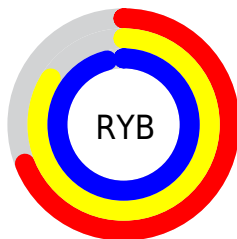
Distribution



Red (69%)

Green (96%)

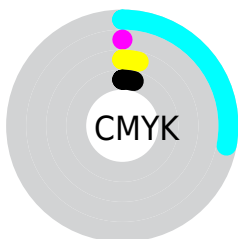
Blue (92%)



Red (69%)

Yellow (84%)

Blue (96%)

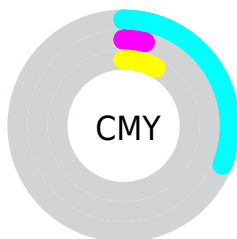


Cyan (28%)

Magenta (0%)

Yellow (4%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.2290, -37.9140, -17.7380 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 223.2290, -37.9140, -17.7380 by changing the saturation by 10% instead.

■ 223.2290,
-37.9140, -17.7380

■ 223.2290,
-37.9140, -17.7380

■ 255.0000, -0.0000,
-0.0000

■ 194.6420,
-37.6390, -17.2150

■ 248.4220,
-13.1120, -4.6640

■ 167.5280,
-37.3180, -17.5260

■ 140.0550,
-37.3640, -16.6920

■ 114.0550,
-37.3640, -16.6920

■ 87.8700, -38.2810,
-16.5930

■ 60.2820, -45.4330,
-19.1370

■ 42.0770, -34.4300,

-14.7980

■ 26.7690, -21.6390,
-9.8230

■ 8.9990, -7.4270,
-3.0670

■ 223.2290,
-37.9140, -17.7380

■ 223.2290,
-37.9140, -17.7380

■ 215.2980,
-51.5300, -24.2820

■ 230.8610,
-24.8940, -11.4060

■ 207.7800,
-64.8710, -30.3030

■ 238.6780,
-10.9570, -5.1730

■ 199.8490,
-78.4870, -36.8470

■ 246.3100, 2.0630,
1.1590

■ 192.3310,
-91.8280, -42.8680

■ 248.4460, 4.6760,
3.3640

■ 184.4000,
-105.4440, -49.4120

■ 248.9020, 3.3920,
4.6080

■ 176.8820,
-118.7850, -55.4330

■ 249.1300, 2.7500,
5.2300

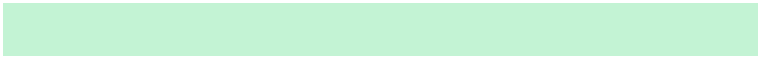
■ 168.9510,
-132.4010, -61.9770

■ 167.6410,
-134.4640, -63.1360

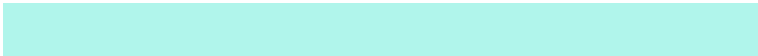
Harmonies

Analogous

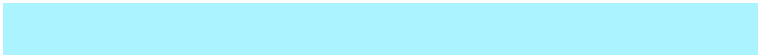
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.1140, -18.6570, -19.8170



223.2290, -37.9140, -17.7380



223.4270, -47.0390, -12.0550

Triad

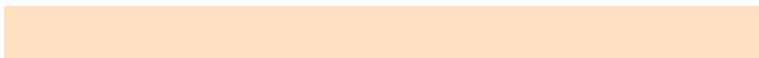
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.2290, -37.9140, -17.7380



233.2040, -0.0940, 12.7220



229.6210, 28.7480, -3.3800

Complementary

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



223.2290, -37.9140, -17.7380



197.7710, 37.9140, 17.7380

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.



227.8090, 25.5830, 4.4230



223.2290, -37.9140, -17.7380



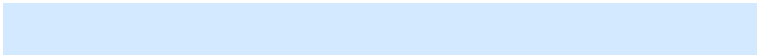
233.4120, 11.1840, 17.5840

Square

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



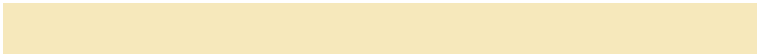
223.2290, -37.9140, -17.7380



228.9300, -20.1740, 2.1780



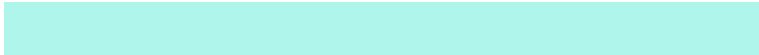
229.1430, 19.0710, 12.3110



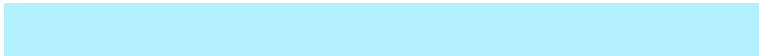
231.0560, 22.7890, -11.0270

Rectangle

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



223.2290, -37.9140, -17.7380



223.7590, -42.0420, -9.0020



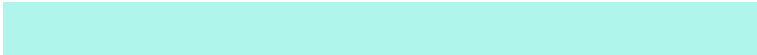
229.1430, 19.0710, 12.3110



228.9030, 28.0140, -1.0900

Sweetspot

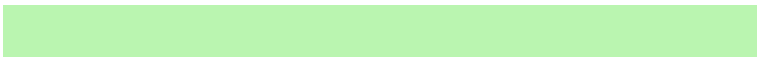
The Sweet Spot groups the original color and five complimentary colors.



223.2290, -37.9140, -17.7380



248.6780, -10.9570, -5.1730



219.4930, -13.0150, -33.9670



123.8850, -7.1060, -3.3780



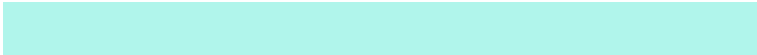
0.0000, 0.0000, 0.0000



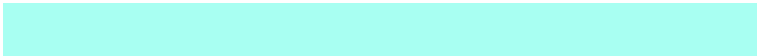
128.0000, -0.0000, -0.0000

Same Dimension

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



223.2290, -37.9140, -17.7380



227.5050, -47.6790, -22.4870



210.2810, -34.5240, -2.0760



118.2980, -6.8310, -2.8550



127.3080, -102.1890, -47.8290



40.3330, -32.2750, -15.3070

Inverse Universe

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



197.7710, 37.9140, 17.7380



195.4950, 47.6790, 22.4870



210.7190, 34.5240, 2.0760



113.8160, 6.5100, 3.1660



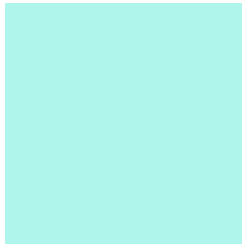
58.6920, 102.1890, 47.8290



18.6670, 32.2750, 15.3070

Previews

White Background



This preview shows how the YIQ color 223.2290, -37.9140, -17.7380 looks on a white background.

Color Contrast Check

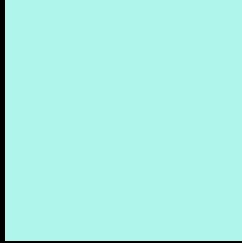
Large Text (above 18pt) WCAG AA × Fail

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 223.2290, -37.9140, -17.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

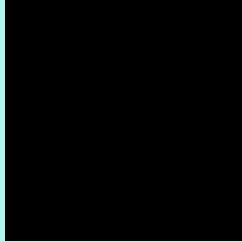
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

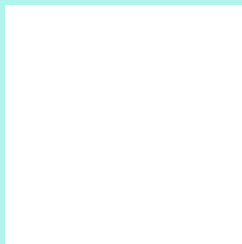
Any Text WCAG AAA ✓ Pass

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

YIQ 223.2290, -37.9140, -17.7380 Background



This preview shows how black text looks on a background with the YIQ color 223.2290, -37.9140, -17.7380.



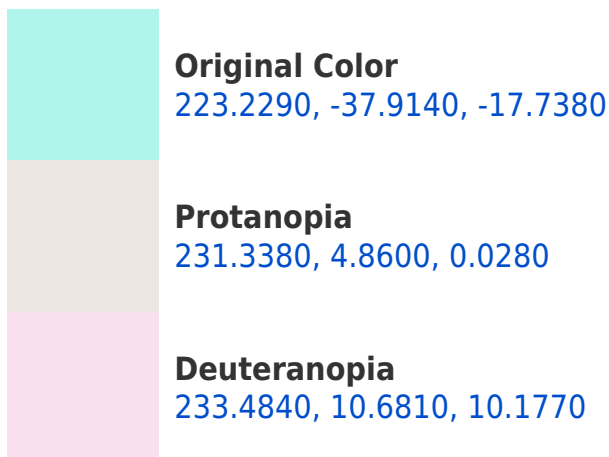
This preview shows how white text looks on a background with the YIQ color 223.2290, -37.9140, -17.7380.

-17.7380.

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





Tritanopia

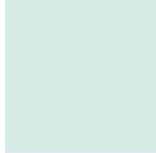
227.0700, -32.5520, -4.7760

Trichromacy



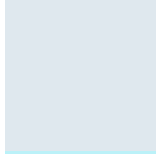
Original Color

223.2290, -37.9140, -17.7380



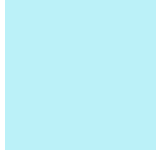
Protanomaly

228.0370, -10.5900, -6.3180



Deuteranomaly

229.9930, -7.2900, -0.0420



Tritanomaly

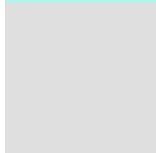
225.6520, -34.4310, -9.2710

Monochromacy



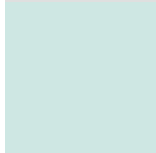
Original Color

223.2290, -37.9140, -17.7380



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

223.0690, -13.6160, -6.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.2290, -37.9140, -17.7380 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(176, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(176, 245, 235)  
}
```

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(176, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 245, 235) }
```

Border

The CSS property to change the border of an element to YIQ 223.2290, -37.9140, -17.7380 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(176, 245, 235) }
```


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

```
.border{ border-color:rgb(176, 245, 235) }
```

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

Here you see how a box with a 4 pixel rgb(176, 245, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(176, 245,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 223.2290, -37.9140, -17.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 245, 235) }
```

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

```
.background{ background-color: rgb(176,  
245, 235) }
```

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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