

Converting Colors

YIQ(223.1210, -37.7300,
-21.0740)

Have a look what the booklet for
YIQ(223.1210, -37.7300, -21.0740)
contains.

| | |
|--|----|
| YIQ(223.1210, -37.7300, -21.0740) | 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(223.1210, -37.7300,
-21.0740)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | AEF7E5 |
| RGB | 174, 247, 229 |
| RGB Percent | 68%, 97%, 90% |
| CMY | 0.3178, 0.0312, 0.1021 |
| CMYK | 0.30, 0.00, 0.07, 0.03 |
| HSL | 165°, 82%, 83% |
| HSV | 165°, 30%, 97% |
| XYZ | 64.8532, 81.1887, 86.3563 |
| YIQ | 223.1210, -37.7300, -21.0740 |

Conversions

Conversions Part 2

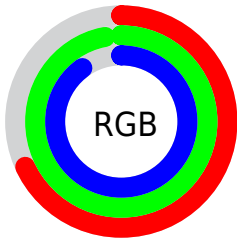
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 174, 216, 247 |
| Decimal | 11466725 |
| CIELab | 92.22, -26.26, 1.45 |
| CIELCh | 92, 26.302, 176.841 |
| Yxy | 81.1887, 0.2791, 0.3494 |
| Android (android.graphics.Color) | 4289656805 (0xFFAEF7E5) |
| YUV | 223.1210, 2.8983, -43.0791 |
| Hunter-Lab | 90.1048, -29.2074, 6.2499 |

Details

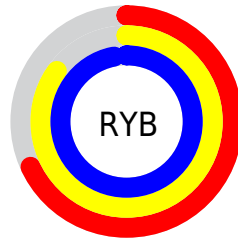
The YIQ color **223.1210, -37.7300, -21.0740** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **197.8790, 37.7300, 21.0740**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.8240, -14.3040, -5.0880**, and **166.9470, -37.1800, -20.0280** is the 20% darker color. If you saturate the color by 10%, you get **214.9620, -50.7040, -28.2400**, and if you desaturate by 10%, it is **231.2800, -24.7560, -13.9080**.

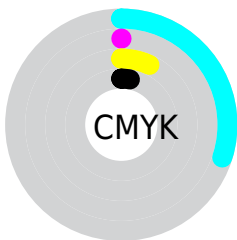
Distribution



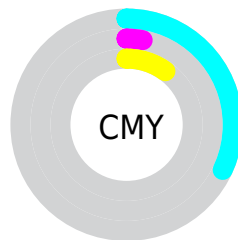
- Red (68%)
- Green (97%)
- Blue (90%)



- Red (68%)
- Yellow (85%)
- Blue (97%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)



- Cyan (32%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.1210, -37.7300, -21.0740 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 223.1210, -37.7300, -21.0740 by changing the saturation by 10% instead.

■ 223.1210,
-37.7300, -21.0740

■ 223.1210,
-37.7300, -21.0740

255.0000, -0.0000,
-0.0000

■ 194.5340,
-37.4550, -20.5510

■ 247.8240,
-14.3040, -5.0880

■ 166.9470,
-37.1800, -20.0280

■ 139.9470,
-37.1800, -20.0280

■ 113.9470,
-37.1800, -20.0280

■ 87.5770, -39.0140,
-19.8300

■ 58.8040, -47.0830,
-22.2750

■ 42.6810, -33.3750,

-17.3990

■ 26.7860, -20.3090,
-11.9010

■ 9.2610, -5.4090,
-6.6010

■ 223.1210,
-37.7300, -21.0740

■ 223.1210,
-37.7300, -21.0740

■ 214.9620,
-50.7040, -28.2400

■ 231.2800,
-24.7560, -13.9080

■ 207.1020,
-63.0820, -35.1940

■ 239.1400,
-12.3780, -6.9540

■ 198.9430,
-76.0560, -42.3600

■ 247.2990, 0.5960,
0.2120

■ 190.7840,
-89.0300, -49.5260

■ 250.0760, 2.8420,
3.5620

■ 182.5110,
-101.6830, -57.0030

■ 250.3040, 2.2000,
4.1840

■ 174.6510,
-114.0610, -63.9570

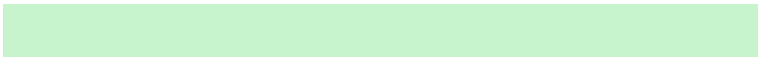
■ 166.4920,
-127.0350, -71.1230

■ 166.1930,
-127.6310, -71.3350

Harmonies

Analogous

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



225.9850, -13.9800, -21.9800



223.1210, -37.7300, -21.0740



222.4970, -53.2280, -15.5320

Triad

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



223.1210, -37.7300, -21.0740



232.2850, -4.8160, 10.1920



228.3330, 29.6190, -2.6450

Complementary

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



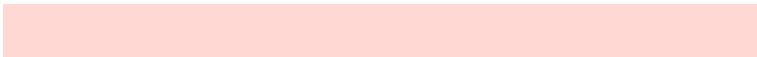
223.1210, -37.7300, -21.0740



197.8790, 37.7300, 21.0740

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.



227.0910, 24.8490, 6.7130



223.1210, -37.7300, -21.0740



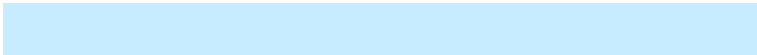
233.8680, 9.9000, 18.8280

Square

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



223.1210, -37.7300, -21.0740



227.4020, -27.5550, -1.7230



229.3540, 17.0990, 15.0110



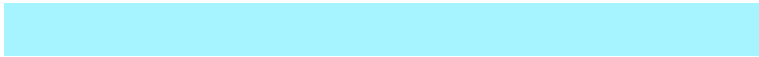
232.0030, 30.3080, -9.6280

Rectangle

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



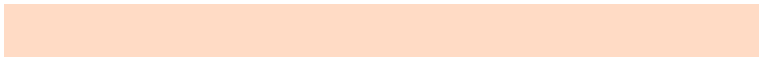
223.1210, -37.7300, -21.0740



221.9320, -50.0190, -13.1150



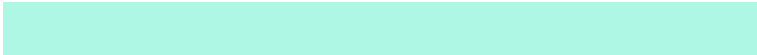
229.3540, 17.0990, 15.0110



227.2560, 28.5180, 0.7900

Sweetspot

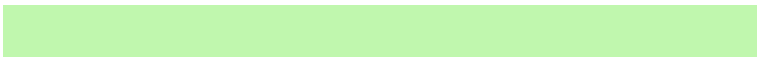
The Sweet Spot groups the original color and five complimentary colors.



223.1210, -37.7300, -21.0740



247.4390, -11.7820, -6.7420



222.2330, -9.3470, -34.3630



123.0590, -7.6560, -4.4240



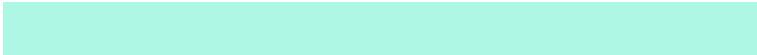
0.0000, 0.0000, 0.0000



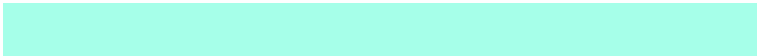
128.0000, -0.0000, -0.0000

Same Dimension

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



223.1210, -37.7300, -21.0740



225.8810, -45.9820, -25.7100



214.6070, -38.5580, -6.0620



118.0700, -6.1890, -3.4770



125.1420, -96.0900, -53.7380



39.6490, -30.3490, -17.1730

Inverse Universe

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



197.8790, 37.7300, 21.0740



195.1190, 45.9820, 25.7100



206.3930, 38.5580, 6.0620



113.9300, 6.1890, 3.4770



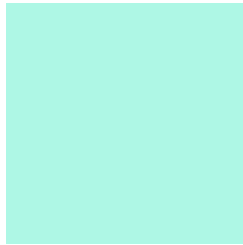
60.8580, 96.0900, 53.7380



19.3510, 30.3490, 17.1730

Previews

White Background



This preview shows how the YIQ color 223.1210, -37.7300, -21.0740 looks on a white background.

Color Contrast Check

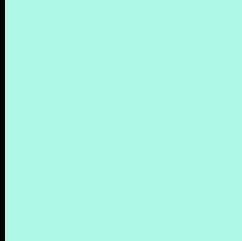
Large Text (above 18pt) WCAG AA × Fail

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 223.1210, -37.7300, -21.0740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

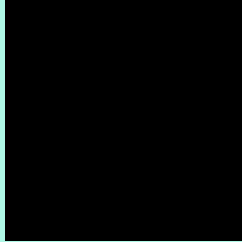
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

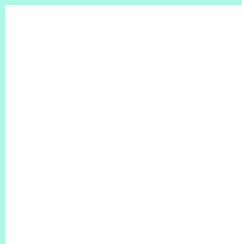
Any Text WCAG AAA ✓ Pass

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

YIQ 223.1210, -37.7300, -21.0740 Background



This preview shows how black text looks on a background with the YIQ color 223.1210, -37.7300, -21.0740.



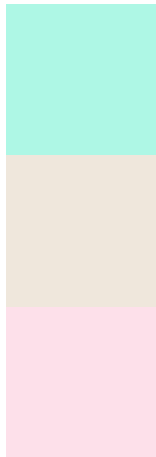
This preview shows how white text looks on a background with the YIQ color 223.1210, -37.7300, -21.0740.

-21.0740.

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

223.1210, -37.7300, -21.0740

Protanopia

232.1380, 8.2990, -1.7250

Deuteranopia

233.8110, 14.0740, 9.2580



Tritanopia

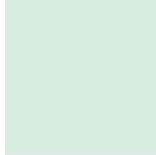
227.9560, -32.2310, -5.0870

Trichromacy



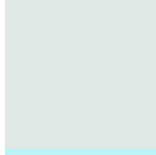
Original Color

223.1210, -37.7300, -21.0740



Protanomaly

228.8260, -8.6180, -9.0180



Deuteranomaly

229.6080, -4.7680, -1.6960



Tritanomaly

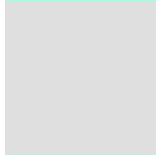
226.5980, -34.3390, -10.9390

Monochromacy



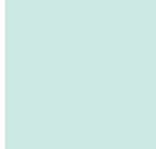
Original Color

223.1210, -37.7300, -21.0740



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

223.1290, -13.8450, -7.9010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.1210, -37.7300, -21.0740 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(174, 247, 229)` looks like.

```
.text, #text, p{  
    color:rgb(174, 247, 229)  
}
```

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(174, 247, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 247, 229) }
```

Border

The CSS property to change the border of an element to YIQ 223.1210, -37.7300, -21.0740 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(174, 247, 229) }
```


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

```
.border{ border-color:rgb(174, 247, 229) }
```

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

Here you see how a box with a 4 pixel rgb(174, 247, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 247, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 247, 229);  
box-shadow:4px 4px 4px 4px rgb(174, 247,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 223.1210, -37.7300, -21.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 247, 229) }
```

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

```
.background{ background-color: rgb(174,  
247, 229) }
```

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