

Converting Colors

YIQ(224.7810, -21.9130,
-15.8730)

Have a look what the booklet for
YIQ(224.7810, -21.9130, -15.8730)
contains.

YIQ(224.7810, -21.9130, -15.8730)	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(224.7810, -21.9130,
-15.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F1DE
RGB	194, 241, 222
RGB Percent	76%, 95%, 87%
CMY	0.2393, 0.0548, 0.1295
CMYK	0.20, 0.00, 0.08, 0.05
HSL	156°, 63%, 85%
HSV	156°, 20%, 95%
XYZ	66.8835, 79.6604, 80.9451
YIQ	224.7810, -21.9130, -15.8730

Conversions

Conversions Part 2

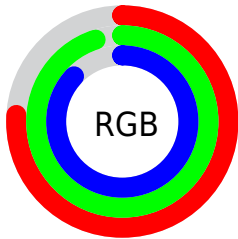
Format	Color
RYB	194, 223, 241
Decimal	12775902
CIELab	91.53, -18.77, 4.22
CIELCh	92, 19.240, 167.324
Yxy	79.6604, 0.2940, 0.3502
Android (android.graphics.Color)	4290965982 (0xFFC2F1DE)
YUV	224.7810, -1.3710, -26.9949
Hunter-Lab	89.2527, -22.4291, 8.7055

Details

The YIQ color **224.7810, -21.9130, -15.8730** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **210.2190, 21.9130, 15.8730**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **253.8040, -2.3840, -0.8480**, and **169.4930, -21.0420, -15.1380** is the 20% darker color. If you saturate the color by 10%, you get **216.4650, -33.0070, -24.0710**, and if you desaturate by 10%, it is **233.0970, -10.8190, -7.6750**.

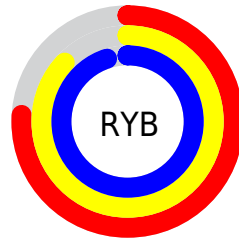
Distribution



Red (76%)

Green (95%)

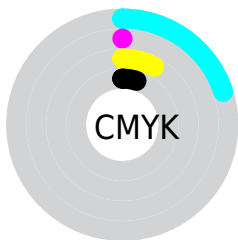
Blue (87%)



Red (76%)

Yellow (87%)

Blue (95%)

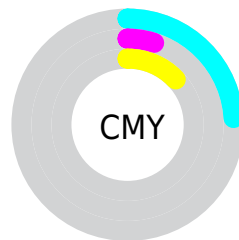


Cyan (20%)

Magenta (0%)

Yellow (8%)

Black (5%)



Cyan (24%)

Magenta (5%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.7810, -21.9130, -15.8730 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 224.7810, -21.9130, -15.8730 by changing the saturation by 10% instead.

■ 224.7810,
-21.9130, -15.8730

■ 224.7810,
-21.9130, -15.8730

255.0000, -0.0000,
-0.0000

■ 196.7810,
-21.9130, -15.8730

■ 253.8040, -2.3840,
-0.8480

■ 169.4930,
-21.0420, -15.1380

■ 142.9060,
-20.7670, -14.6150

■ 116.9060,
-20.7670, -14.6150

■ 91.7320, -20.2170,
-13.5690

■ 67.7320, -20.2170,
-13.5690

■ 44.5470, -21.1340,

-13.4700

■ 24.4550, -17.8790,
-11.8870

■ 5.8700, -2.7500,
-5.2300

■ 224.7810,
-21.9130, -15.8730

■ 224.7810,
-21.9130, -15.8730

■ 216.4650,
-33.0070, -24.0710

■ 233.0970,
-10.8190, -7.6750

■ 208.1490,
-44.1010, -32.2690

■ 241.2990, 0.5960,
0.2120

■ 199.9470,
-55.5160, -40.1560

■ 246.3260, 5.1340,
6.0780

■ 191.6310,
-66.6100, -48.3540

■ 246.7820, 3.8500,
7.3220

■ 183.0160,
-78.3000, -56.7640

■ 174.7000,
-89.3940, -64.9620

■ 166.4980,
-100.8090, -72.8490

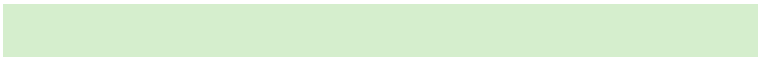
■ 158.1820,
-111.9030, -81.0470

■ 157.7690,
-112.1780, -81.5700

Harmonies

Analogous

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



226.7630, -4.3070, -15.5630



224.7810, -21.9130, -15.8730



224.2450, -34.8430, -12.8190

Triad

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



224.7810, -21.9130, -15.8730



230.4690, -11.3260, 7.0260



229.2280, 25.7210, 1.9210

Complementary

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



224.7810, -21.9130, -15.8730



210.2190, 21.9130, 15.8730

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.



229.2910, 21.4100, 8.4660



224.7810, -21.9130, -15.8730



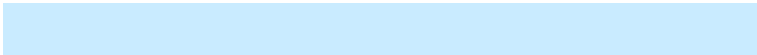
233.8240, 4.0320, 15.0400

Square

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



224.7810, -21.9130, -15.8730



227.1140, -26.6840, -0.9880



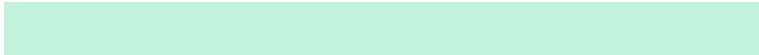
232.0440, 15.0360, 13.8520



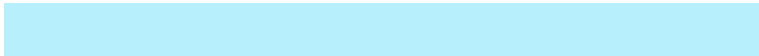
231.1260, 25.7680, -4.4400

Rectangle

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



224.7810, -21.9130, -15.8730



224.3250, -37.8240, -8.3520



232.0440, 15.0360, 13.8520



229.2110, 24.3910, 3.9990

Sweetspot

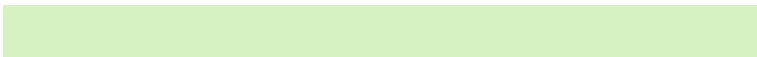
The Sweet Spot groups the original color and five complimentary colors.



224.7810, -21.9130, -15.8730



249.8310, -7.0140, -5.0460



227.5690, -1.0050, -20.3410



124.8530, -4.0800, -3.1520



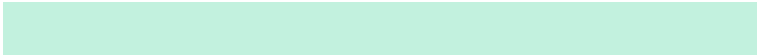
0.0000, 0.0000, 0.0000



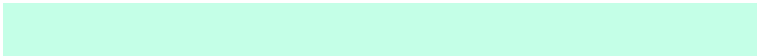
128.0000, -0.0000, -0.0000

Same Dimension

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



224.7810, -21.9130, -15.8730



234.6230, -27.4600, -19.9720



224.5990, -26.9120, -7.8720



115.8420, -5.5470, -4.0990



120.4340, -85.5890, -62.3330



36.6340, -25.9930, -19.0250

Inverse Universe

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



210.2190, 21.9130, 15.8730



216.3770, 27.4600, 19.9720



210.4010, 26.9120, 7.8720



112.1580, 5.5470, 4.0990



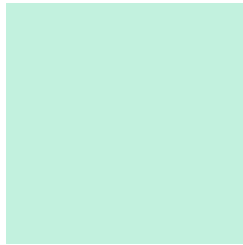
63.4520, 85.9100, 62.0220



19.3660, 25.9930, 19.0250

Previews

White Background



This preview shows how the YIQ color 224.7810, -21.9130, -15.8730 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 224.7810, -21.9130, -15.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

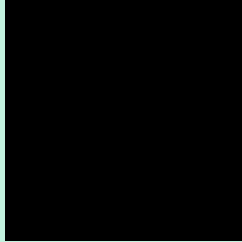
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

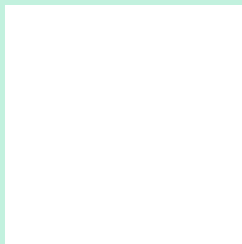
Any Text WCAG AAA ✓ Pass

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

YIQ 224.7810, -21.9130, -15.8730 Background



This preview shows how black text looks on a background with the YIQ color 224.7810, -21.9130, -15.8730.



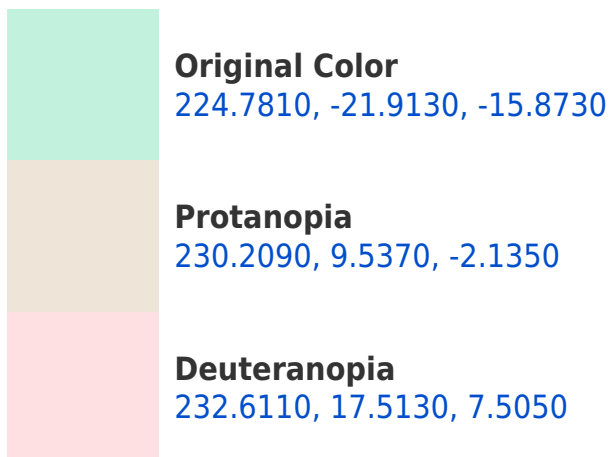
This preview shows how white text looks on a background with the YIQ color 224.7810, -21.9130, -15.8730.

-15.8730.

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

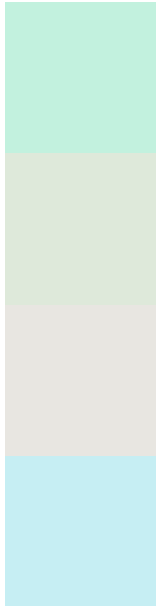




Tritanopia

227.4020, -27.5550, -1.7230

Trichromacy



Original Color

224.7810, -21.9130, -15.8730

Protanomaly

228.0010, -1.7410, -6.9970

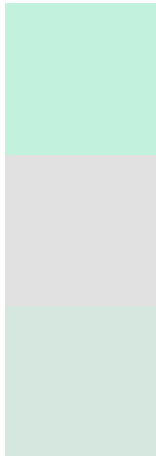
Deuteranomaly

230.0280, 2.7970, -1.1310

Tritanomaly

226.6100, -25.4450, -6.9250

Monochromacy



Original Color

224.7810, -21.9130, -15.8730

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.1190, -7.8850, -5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.7810, -21.9130, -15.8730 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(194, 241, 222)` looks like.

```
.text, #text, p{  
    color:rgb(194, 241, 222)  
}
```

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(194, 241, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 241, 222) }
```

Border

The CSS property to change the border of an element to YIQ 224.7810, -21.9130, -15.8730 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(194, 241, 222) }
```


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

```
.border{ border-color:rgb(194, 241, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 241, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 241, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 241, 222);  
box-shadow:4px 4px 4px 4px rgb(194, 241,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 224.7810, -21.9130, -15.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 241, 222) }
```

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

```
.background{ background-color: rgb(194,  
241, 222) }
```

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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