

Converting Colors

YIQ(221.3800, -22.4620,
-22.4460)

Have a look what the booklet for
YIQ(221.3800, -22.4620, -22.4460)
contains.

YIQ(221.3800, -22.4620, -22.4460)	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(221.3800, -22.4620,
-22.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	BAF2D0
RGB	186, 242, 208
RGB Percent	73%, 95%, 82%
CMY	0.2707, 0.0509, 0.1844
CMYK	0.23, 0.00, 0.14, 0.05
HSL	144°, 68%, 84%
HSV	144°, 23%, 95%
XYZ	63.3824, 78.5057, 71.4767
YIQ	221.3800, -22.4620, -22.4460

Conversions

Conversions Part 2

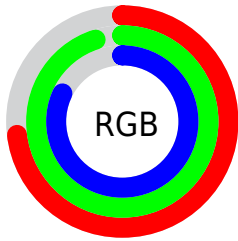
Format	Color
RYB	186, 226, 242
Decimal	12251856
CIELab	91.01, -24.42, 10.68
CIELCh	91, 26.653, 156.376
Yxy	78.5057, 0.2971, 0.3679
Android (android.graphics.Color)	4290441936 (0xFFBAF2D0)
YUV	221.3800, -6.5963, -31.0283
Hunter-Lab	88.6034, -27.3661, 14.1930

Details

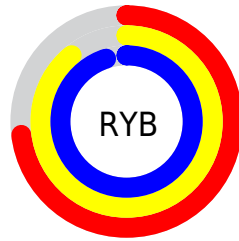
The YIQ color **221.3800, -22.4620, -22.4460** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **206.6200, 22.4620, 22.4460**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4120, -7.1520, -2.5440**, and **166.2060, -21.9120, -21.4000** is the 20% darker color. If you saturate the color by 10%, you get **212.4940, -31.9510, -32.1990**, and if you desaturate by 10%, it is **230.2660, -12.9730, -12.6930**.

Distribution



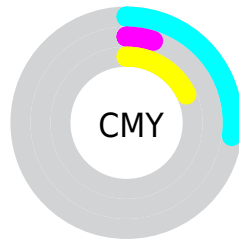
- Red (73%)
- Green (95%)
- Blue (82%)



- Red (73%)
- Yellow (89%)
- Blue (95%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (27%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.3800, -22.4620, -22.4460 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 221.3800, -22.4620, -22.4460 by changing the saturation by 10% instead.

■ 221.3800,
-22.4620, -22.4460

■ 221.3800,
-22.4620, -22.4460

255.0000, -0.0000,
-0.0000

■ 193.6790,
-21.8660, -22.2340

■ 251.4120, -7.1520,
-2.5440

■ 166.2060,
-21.9120, -21.4000

■ 139.6190,
-21.6370, -20.8770

■ 113.1460,
-21.6830, -20.0430

■ 88.4450, -21.0870,
-19.8310

■ 63.7870, -22.0500,
-18.8980

■ 39.1070, -25.9470,

-19.8590

■ 23.2010, -14.3480,
-15.3080

■ 4.1090, -1.9250,
-3.6610

■ 221.3800,
-22.4620, -22.4460

■ 221.3800,
-22.4620, -22.4460

■ 212.4940,
-31.9510, -32.1990

■ 230.2660,
-12.9730, -12.6930

■ 203.7220,
-41.7610, -41.6410

■ 239.0380, -3.1630,
-3.2510

■ 194.5370,
-51.8460, -51.6060

■ 247.0270, 4.5380,
5.8660

■ 185.6510,
-61.3350, -61.3590

■ 247.3690, 3.5750,
6.7990

■ 176.8790,
-71.1450, -70.8010

■ 167.9930,
-80.6340, -80.5540

■ 159.1070,
-90.1230, -90.3070

■ 152.8840,
-97.0450, -97.0210

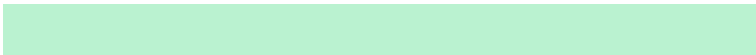
Harmonies

Analogous

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



224.8360, 2.6170, -19.9030



221.3800, -22.4620, -22.4460



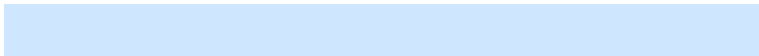
218.9400, -44.4700, -20.0700

Triad

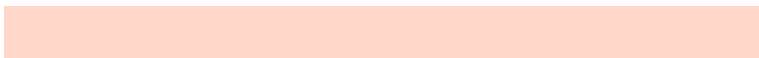
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.3800, -22.4620, -22.4460



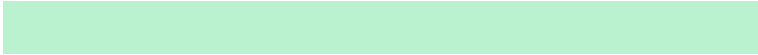
225.9730, -21.7330, 2.8990



224.6630, 28.9300, 4.3380

Complementary

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



221.3800, -22.4620, -22.4460



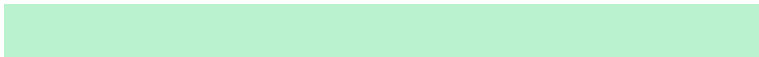
206.6200, 22.4620, 22.4460

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.



225.7520, 21.7300, 13.6820



221.3800, -22.4620, -22.4460



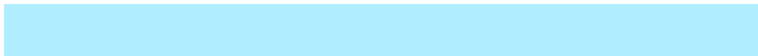
230.8560, 1.0060, 14.8140

Square

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



221.3800, -22.4620, -22.4460



220.5140, -42.7300, -7.5460



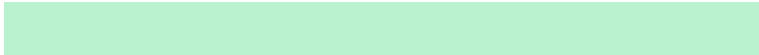
230.3630, 12.8800, 19.8880



226.8340, 32.4620, -4.6100

Rectangle

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



221.3800, -22.4620, -22.4460



218.4970, -53.2280, -15.5320



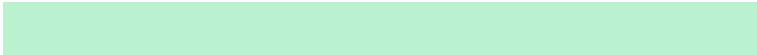
230.3630, 12.8800, 19.8880



224.4010, 26.9120, 7.8720

Sweetspot

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



221.3800, -22.4620, -22.4460



248.3640, -7.1970, -7.2370



229.3370, 5.4600, -21.8680



123.9130, -4.3090, -4.5090



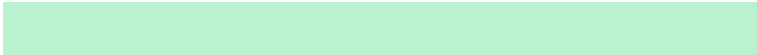
0.0000, 0.0000, 0.0000



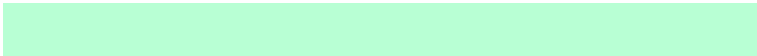
128.0000, -0.0000, -0.0000

Same Dimension

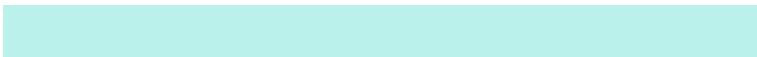
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.3800, -22.4620, -22.4460



228.8690, -28.5130, -28.4250



224.4580, -31.1290, -14.0490



115.6140, -4.9050, -4.7210



116.2160, -73.7120, -73.8400



35.3800, -22.4620, -22.4460

Inverse Universe

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



206.6200, 22.4620, 22.4460



210.1310, 28.5130, 28.4250



203.5420, 31.1290, 14.0490



112.3860, 4.9050, 4.7210



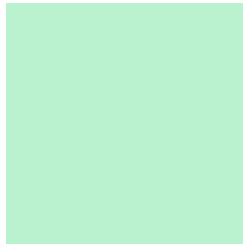
67.6700, 74.0330, 73.5290



20.6200, 22.4620, 22.4460

Previews

White Background



This preview shows how the YIQ color 221.3800, -22.4620, -22.4460 looks on a white background.

Color Contrast Check

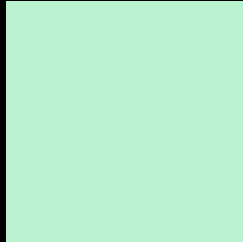
Large Text (above 18pt) WCAG AA × Fail

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 221.3800, -22.4620, -22.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

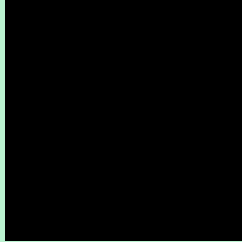
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

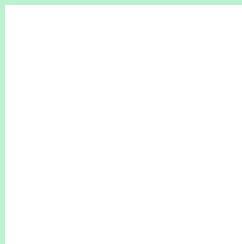
Any Text WCAG AAA ✓ Pass

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

YIQ 221.3800, -22.4620, -22.4460 Background



This preview shows how black text looks on a background with the YIQ color 221.3800, -22.4620, -22.4460.



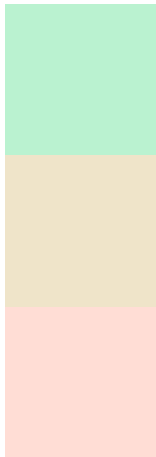
This preview shows how white text looks on a background with the YIQ color 221.3800, -22.4620, -22.4460.

-22.4460.

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

221.3800, -22.4620, -22.4460

Protanopia

228.2110, 15.2230, -6.0650

Deuteranopia

230.2540, 22.8320, 4.7200



Tritanopia

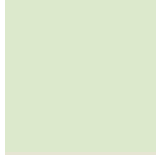
225.2060, -29.9390, -2.5710

Trichromacy



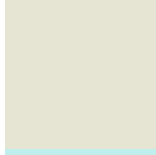
Original Color

221.3800, -22.4620, -22.4460



Protanomaly

225.8070, 1.5610, -11.7750



Deuteranomaly

227.2470, 6.3740, -5.3860



Tritanomaly

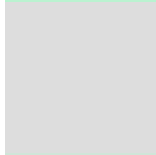
224.1320, -27.0950, -10.0630

Monochromacy



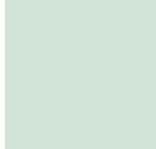
Original Color

221.3800, -22.4620, -22.4460



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.2390, -8.3430, -8.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.3800, -22.4620, -22.4460 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(186, 242, 208)` looks like.

```
.text, #text, p{  
    color:rgb(186, 242, 208)  
}
```

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(186, 242, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 242, 208) }
```

Border

The CSS property to change the border of an element to YIQ 221.3800, -22.4620, -22.4460 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(186, 242, 208) }
```


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

```
.border{ border-color:rgb(186, 242, 208) }
```

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

Here you see how a box with a 4 pixel rgb(186, 242, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 242, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 242, 208);  
box-shadow:4px 4px 4px 4px rgb(186, 242,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 221.3800, -22.4620, -22.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 242, 208) }
```

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

```
.background{ background-color: rgb(186,  
242, 208) }
```

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