

Converting Colors

YIQ(222.5820, -11.0470,
-14.5590)

Have a look what the booklet for
YIQ(222.5820, -11.0470, -14.5590)
contains.

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Color

**YIQ(222.5820, -11.0470,
-14.5590)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--|
| Hex | CBEBD2 |
| RGB | 203, 235, 210 |
| RGB Percent | 80%, 92%, 82% |
| CMY | 0.2040, 0.0784, 0.1765 |
| CMYK | 0.14, 0.00, 0.11, 0.08 |
| HSL | 133°, 44%, 86% |
| HSV | 133°, 14%, 92% |
| XYZ | 65.9665, 76.7704, 72.3101 |
| YIQ | 222.5820, -11.0470, -14.5590 |

Conversions

Conversions Part 2

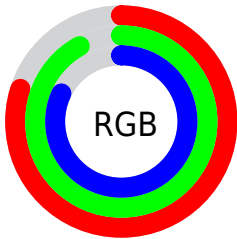
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 203, 229, 235 |
| Decimal | 13364178 |
| CIE _{Lab} | 90.22, -15.14, 8.64 |
| CIE _{LCh} | 90, 17.430, 150.289 |
| Yxy | 76.7704, 0.3068, 0.3570 |
| Android (android.graphics.Color) | 4291554258 (0xFFCBEBD2) |
| YUV | 222.5820, -6.2029, -17.1734 |
| Hunter-Lab | 87.6187, -18.9435, 12.4022 |

Details

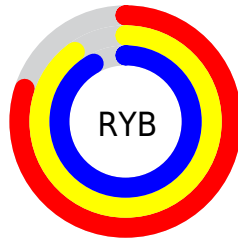
The YIQ color $222.5820, -11.0470, -14.5590$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $215.4180, 11.0470, 14.5590$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.4080, -10.4970, -13.5130$ is the 20% darker color. If you saturate the color by 10%, you get $213.3540, -19.5730, -25.2450$, and if you desaturate by 10%, it is $231.5110, -3.1170, -4.0850$.

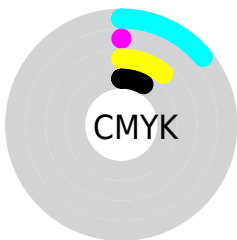
Distribution



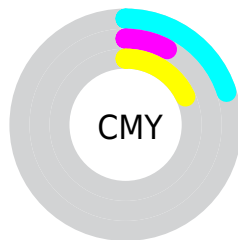
- Red (80%)
- Green (92%)
- Blue (82%)



- Red (80%)
- Yellow (90%)
- Blue (92%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.5820, -11.0470, -14.5590 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 222.5820, -11.0470, -14.5590 by changing the saturation by 10% instead.

■ 222.5820,
-11.0470, -14.5590

■ 222.5820,
-11.0470, -14.5590

255.0000, -0.0000,
-0.0000

■ 194.5820,
-11.0470, -14.5590

■ 167.4080,
-10.4970, -13.5130

■ 140.7070, -9.9010,
-13.3010

■ 114.8210,
-10.2220, -12.9900

■ 90.2340, -9.9470,
-12.4670

■ 66.6470, -9.6720,
-11.9440

■ 44.1740, -9.7180,

-11.1100

■ 23.1740, -9.7180,
-11.1100

■ 0.5870, -0.2750,
-0.5230

■ 222.5820,
-11.0470, -14.5590

■ 222.5820,
-11.0470, -14.5590

■ 213.3540,
-19.5730, -25.2450

■ 231.5110, -3.1170,
-4.0850

■ 204.3110,
-27.1820, -36.0300

■ 240.8530, 5.0880,
6.9120

■ 195.0830,
-35.7080, -46.7160

■ 243.2600, 5.5000,
10.4600

■ 186.1540,
-43.6380, -57.1900

■ 176.8120,
-51.8430, -68.1870

■ 167.8830,
-59.7730, -78.6610

■ 158.6550,
-68.2990, -89.3470

■ 149.6120,
-75.9080, -100.1320

■ 143.7590,
-80.9960, -107.0440

Harmonies

Analogous

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



224.5470, 5.2290, -12.1710



222.5820, -11.0470, -14.5590



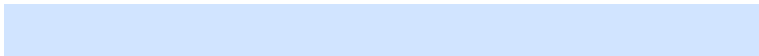
221.5080, -25.3980, -13.2860

Triad

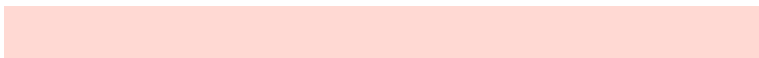
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.5820, -11.0470, -14.5590



225.3970, -19.9910, 4.3690



227.6780, 24.5740, 6.1900

Complementary

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



222.5820, -11.0470, -14.5590



215.4180, 11.0470, 14.5590

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.



228.9150, 19.7130, 11.6890



222.5820, -11.0470, -14.5590



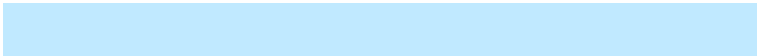
228.7410, -6.1000, 11.4360

Square

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



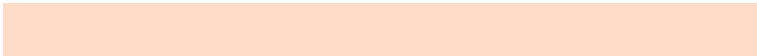
222.5820, -11.0470, -14.5590



223.2490, -31.4980, -1.8500



230.2330, 10.1300, 14.6580



228.0710, 27.6010, 0.8890

Rectangle

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



222.5820, -11.0470, -14.5590



221.2670, -31.9090, -10.9250



230.2330, 10.1300, 14.6580



227.6610, 23.2440, 8.2680

Sweetspot

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



222.5820, -11.0470, -14.5590



251.0980, -3.3920, -4.6080



229.2590, 6.1000, -11.4360



125.3370, -2.5670, -3.0390



0.0000, 0.0000, 0.0000



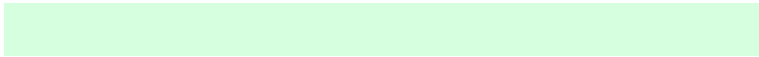
128.0000, -0.0000, -0.0000

Same Dimension

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



222.5820, -11.0470, -14.5590



239.0930, -14.1640, -18.6440



224.4060, -16.1830, -9.5830



112.6850, -3.6670, -5.1310



110.8070, -62.6150, -82.2230



33.0660, -18.7020, -24.5100

Inverse Universe

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



215.4180, 11.0470, 14.5590



229.9070, 14.1640, 18.6440



213.5940, 16.1830, 9.5830



110.3150, 3.6670, 5.1310



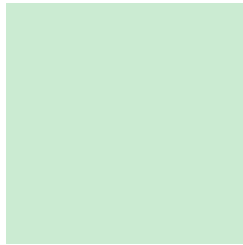
70.1930, 62.6150, 82.2230



20.9340, 18.7020, 24.5100

Previews

White Background



This preview shows how the YIQ color 222.5820, -11.0470, -14.5590 looks on a white background.

Color Contrast Check

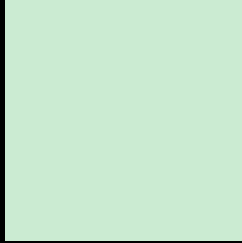
Large Text (above 18pt) WCAG AA × Fail

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 222.5820, -11.0470, -14.5590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

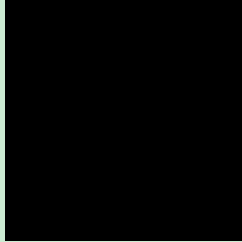
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

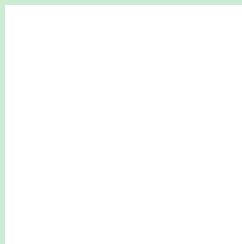
Any Text WCAG AAA ✓ Pass

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

YIQ 222.5820, -11.0470, -14.5590 Background



This preview shows how black text looks on a background with the YIQ color 222.5820, -11.0470, -14.5590.



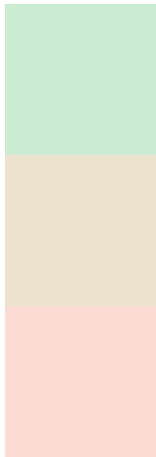
This preview shows how white text looks on a background with the YIQ color 222.5820, -11.0470, -14.5590.

-14.5590.

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

222.5820, -11.0470, -14.5590

Protanopia

226.5960, 12.7010, -4.4110

Deuteranopia

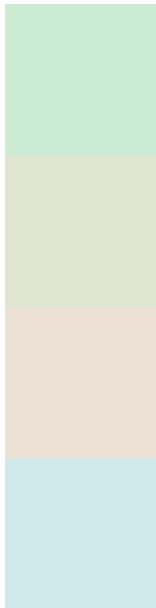
228.4820, 22.1900, 5.3420



Tritanopia

225.7730, -18.2940, 1.1460

Trichromacy



Original Color

222.5820, -11.0470, -14.5590

Protanomaly

224.9970, 4.0820, -7.9020

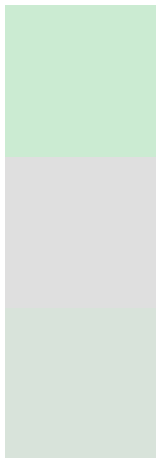
Deuteranomaly

226.5080, 10.1330, -1.9230

Tritanomaly

224.7530, -15.5420, -4.6780

Monochromacy



Original Color

222.5820, -11.0470, -14.5590

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.6850, -3.6670, -5.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.5820, -11.0470, -14.5590 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(203, 235, 210)` looks like.

```
.text, #text, p{  
    color:rgb(203, 235, 210)  
}
```

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(203, 235, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 235, 210) }
```

Border

The CSS property to change the border of an element to YIQ 222.5820, -11.0470, -14.5590 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(203, 235, 210) }
```


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

```
.border{ border-color:rgb(203, 235, 210) }
```

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

Here you see how a box with a 4 pixel rgb(203, 235, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 235, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 235, 210);  
box-shadow:4px 4px 4px 4px rgb(203, 235,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 222.5820, -11.0470, -14.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 235, 210) }
```

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

```
.background{ background-color: rgb(203,  
235, 210) }
```

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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