

Converting Colors

YIQ(212.8810, -10.4510,
-14.3470)

Have a look what the booklet for
YIQ(212.8810, -10.4510, -14.3470)
contains.

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Color

**YIQ(212.8810, -10.4510,
-14.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E1C8
RGB	194, 225, 200
RGB Percent	76%, 88%, 78%
CMY	0.2393, 0.1176, 0.2157
CMYK	0.14, 0.00, 0.11, 0.12
HSL	132°, 34%, 82%
HSV	132°, 14%, 88%
XYZ	59.5957, 69.4936, 64.9127
YIQ	212.8810, -10.4510, -14.3470

Conversions

Conversions Part 2

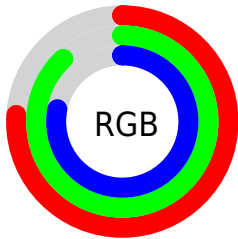
Format	Color
RYB	194, 220, 225
Decimal	12771784
CIELab	86.75, -14.93, 8.82
CIELCh	87, 17.340, 149.408
Yxy	69.4936, 0.3072, 0.3582
Android (android.graphics.Color)	4290961864 (0xFFC2E1C8)
YUV	212.8810, -6.3503, -16.5586
Hunter-Lab	83.3628, -18.2762, 12.1862

Details

The YIQ color **212.8810, -10.4510, -14.3470** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **206.1190, 10.4510, 14.3470**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.8040, -2.3840, -0.8480**, and **158.2940, -10.1760, -13.8240** is the 20% darker color. If you saturate the color by 10%, you get **203.9520, -18.3810, -24.8210**, and if you desaturate by 10%, it is **221.5110, -3.1170, -4.0850**.

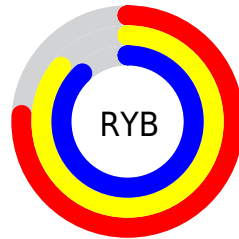
Distribution



Red (76%)

Green (88%)

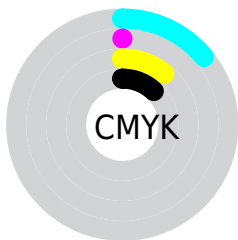
Blue (78%)



Red (76%)

Yellow (86%)

Blue (88%)

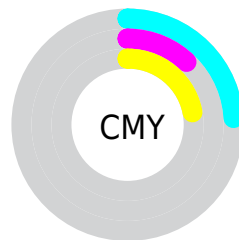


Cyan (14%)

Magenta (0%)

Yellow (11%)

Black (12%)



Cyan (24%)

Magenta (12%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.8810, -10.4510, -14.3470 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 212.8810, -10.4510, -14.3470 by changing the saturation by 10% instead.

■ 212.8810,
-10.4510, -14.3470

■ 212.8810,
-10.4510, -14.3470

255.0000, -0.0000,
-0.0000

■ 185.2940,
-10.1760, -13.8240

■ 253.8040, -2.3840,
-0.8480

■ 158.2940,
-10.1760, -13.8240

■ 131.7070, -9.9010,
-13.3010

■ 106.5330, -9.3510,
-12.2550

■ 82.5330, -9.3510,
-12.2550

■ 58.9460, -9.0760,
-11.7320

■ 37.0600, -9.3970,

-11.4210

■ 16.0770, -8.0670,
-13.4990

■ 0.0000, 0.0000,
0.0000

■ 212.8810,
-10.4510, -14.3470

■ 212.8810,
-10.4510, -14.3470

■ 203.9520,
-18.3810, -24.8210

■ 221.5110, -3.1170,
-4.0850

■ 195.3220,
-25.7150, -35.0830

■ 230.4400, 4.8130,
6.3890

■ 186.3930,
-33.6450, -45.5570

■ 237.2760, 8.5710,
15.3790

■ 177.6490,
-40.6580, -56.1300

■ 237.3900, 8.2500,
15.6900

■ 168.7200,
-48.5880, -66.6040

■ 160.0900,
-55.9220, -76.8660

■ 151.1610,
-63.8520, -87.3400

■ 142.5310,
-71.1860, -97.6020

■ 137.0910,
-75.9990, -103.9910

Harmonies

Analogous

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



214.8460, 5.8250, -11.9590



212.8810, -10.4510, -14.3470



211.6930, -24.4810, -13.3850

Triad

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



212.8810, -10.4510, -14.3470



216.5540, -21.8710, 5.4010



219.8850, 28.4250, 7.9850

Complementary

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



212.8810, -10.4510, -14.3470



206.1190, 10.4510, 14.3470

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.



220.5240, 22.3720, 13.0600



212.8810, -10.4510, -14.3470



218.8550, -6.4210, 11.7470

Square

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



212.8810, -10.4510, -14.3470



213.2490, -31.4980, -1.8500



220.2330, 10.1300, 14.6580



218.6580, 27.3260, 0.3660

Rectangle

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



212.8810, -10.4510, -14.3470



211.4520, -30.9920, -11.0240



220.2330, 10.1300, 14.6580



219.8680, 27.0950, 10.0630

Sweetspot

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



212.8810, -10.4510, -14.3470



251.0980, -3.3920, -4.6080



219.6720, 6.3750, -10.9130



125.2230, -2.2460, -3.3500



0.0000, 0.0000, 0.0000



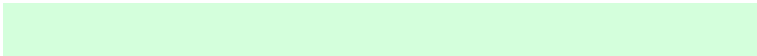
128.0000, -0.0000, -0.0000

Same Dimension

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



212.8810, -10.4510, -14.3470



238.1530, -14.3930, -20.0010



214.5910, -15.2660, -9.6820



107.6850, -3.6670, -5.1310



107.1880, -59.3140, -81.4740



29.2020, -16.0890, -22.3050

Inverse Universe

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



206.1190, 10.4510, 14.3470



228.8470, 14.3930, 20.0010



204.4090, 15.2660, 9.6820



105.3150, 3.6670, 5.1310



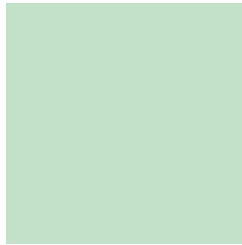
68.8120, 59.3140, 81.4740



18.7980, 16.0890, 22.3050

Previews

White Background



This preview shows how the YIQ color 212.8810, -10.4510, -14.3470 looks on a white background.

Color Contrast Check

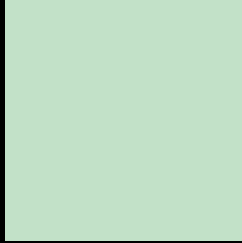
Large Text (above 18pt) WCAG AA × Fail

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 212.8810, -10.4510, -14.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

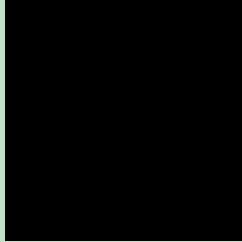
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

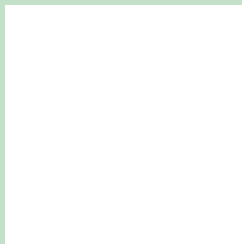
Any Text WCAG AAA ✓ Pass

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

YIQ 212.8810, -10.4510, -14.3470 Background



This preview shows how black text looks on a background with the YIQ color 212.8810, -10.4510, -14.3470.



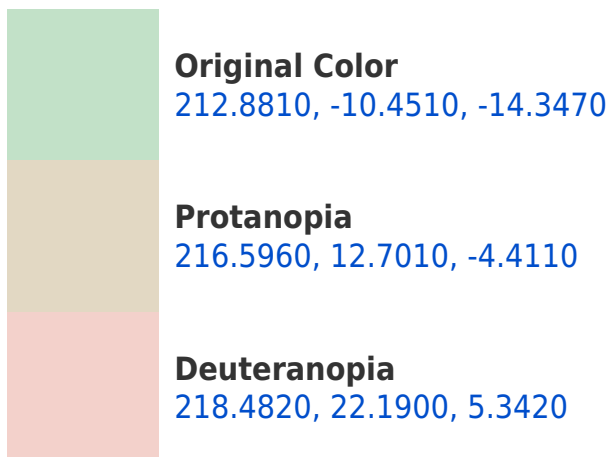
This preview shows how white text looks on a background with the YIQ color 212.8810, -10.4510, -14.3470.

-14.3470.

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

215.9580, -17.3770, 1.0470

Trichromacy



Original Color

212.8810, -10.4510, -14.3470

Protanomaly

214.9970, 4.0820, -7.9020

Deuteranomaly

216.5080, 10.1330, -1.9230

Tritanomaly

215.0520, -14.9460, -4.4660

Monochromacy



Original Color

212.8810, -10.4510, -14.3470

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.6850, -3.6670, -5.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.8810, -10.4510, -14.3470 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, 225, 200)` looks like.

```
.text, #text, p{  
    color:rgb(194, 225, 200)  
}
```

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, 225, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 225, 200) }
```

Border

The CSS property to change the border of an element to YIQ 212.8810, -10.4510, -14.3470 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, 225, 200) }
```


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

```
.border{ border-color:rgb(194, 225, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 225, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 225, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 225, 200); box-shadow:4px 4px 4px 4px rgb(194, 225, 200) }
```

Background

The CSS property to change the background color of an element to YIQ 212.8810, -10.4510, -14.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 225, 200) }
```

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

```
.background{ background-color: rgb(194,  
225, 200) }
```

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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