

Converting Colors

YIQ(221.2470, -2.7940,
-15.4500)

Have a look what the booklet for
YIQ(221.2470, -2.7940, -15.4500)
contains.

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Color

**YIQ(221.2470, -2.7940,
-15.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E8C6
RGB	209, 232, 198
RGB Percent	82%, 91%, 78%
CMY	0.1805, 0.0901, 0.2235
CMYK	0.10, 0.00, 0.15, 0.09
HSL	101°, 43%, 84%
HSV	101°, 15%, 91%
XYZ	65.3418, 75.3485, 64.5283
YIQ	221.2470, -2.7940, -15.4500

Conversions

Conversions Part 2

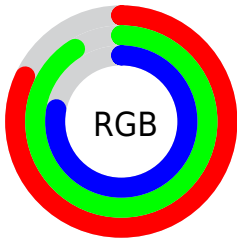
Format	Color
RYB	198, 232, 221
Decimal	13756614
CIELab	89.56, -13.70, 14.00
CIELCh	90, 19.585, 134.372
Yxy	75.3485, 0.3184, 0.3672
Android (android.graphics.Color)	4291946694 (0xFFD1E8C6)
YUV	221.2470, -11.4608, -10.7406
Hunter-Lab	86.8035, -17.5393, 16.6873

Details

The YIQ color **221.2470, -2.7940, -15.4500** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **208.7530, 2.7940, 15.4500**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **165.7740, -2.8400, -14.6160** is the 20% darker color. If you saturate the color by 10%, you get **213.8410, -4.9470, -25.9950**, and if you desaturate by 10%, it is **228.6530, -0.6410, -4.9050**.

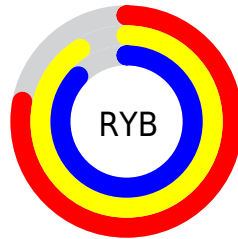
Distribution



Red (82%)

Green (91%)

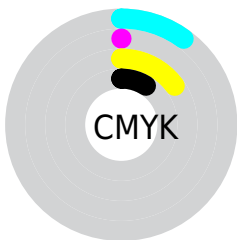
Blue (78%)



Red (78%)

Yellow (91%)

Blue (87%)

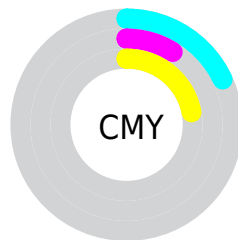


Cyan (10%)

Magenta (0%)

Yellow (15%)

Black (9%)



Cyan (18%)

Magenta (9%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.2470, -2.7940, -15.4500 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 221.2470, -2.7940, -15.4500 by changing the saturation by 10% instead.

■ 221.2470, -2.7940,
-15.4500

■ 221.2470, -2.7940,
-15.4500

255.0000, -0.0000,
-0.0000

■ 193.3610, -3.1150,
-15.1390

■ 165.7740, -2.8400,
-14.6160

■ 139.7740, -2.8400,
-14.6160

■ 114.3010, -2.8860,
-13.7820

■ 89.7140, -2.6110,
-13.2590

■ 65.8280, -2.9320,
-12.9480

■ 43.3550, -2.9780,

-12.1140

■ 22.3830, -0.1810,
-13.2450

■ 0.0000, 0.0000,
0.0000

■ 221.2470, -2.7940,
-15.4500

■ 221.2470, -2.7940,
-15.4500

■ 213.8410, -4.9470,
-25.9950

■ 228.6530, -0.6410,
-4.9050

■ 206.7340, -6.5040,
-36.3280

■ 235.7600, 0.9160,
5.4280

■ 199.2140, -8.3360,
-47.1840

■ 241.4990, 6.3250,
12.0290

■ 191.8080,
-10.4890, -57.7290

■ 184.4020,
-12.6420, -68.2740

■ 177.2950,
-14.1990, -78.6070

■ 169.8890,
-16.3520, -89.1520

■ 162.3690,
-18.1840, -100.0080

■ 158.6090,
-19.1000, -105.4360

Harmonies

Analogous

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



223.5650, 13.9860, -11.1820



221.2470, -2.7940, -15.4500



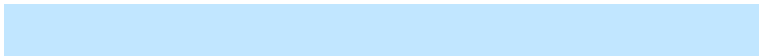
218.8520, -20.6750, -16.2830

Triad

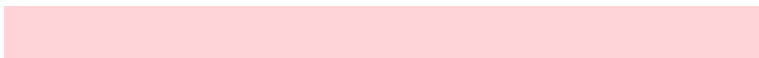
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.2470, -2.7940, -15.4500



221.7870, -30.0770, -0.0690



225.4270, 24.0230, 10.6710

Complementary

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



221.2470, -2.7940, -15.4500



208.7530, 2.7940, 15.4500

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.



228.1800, 17.6490, 16.0570



221.2470, -2.7940, -15.4500



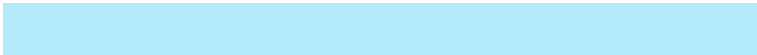
225.1420, -14.7190, 7.9450

Square

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



221.2470, -2.7940, -15.4500



219.1940, -38.8330, -6.5850



227.8670, 2.4730, 15.7610



225.2500, 28.6550, 3.8150

Rectangle

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



221.2470, -2.7940, -15.4500



218.2300, -30.4870, -14.6710



227.8670, 2.4730, 15.7610



226.1110, 22.0970, 12.5370

Sweetspot

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



221.2470, -2.7940, -15.4500



251.7670, -0.9620, -4.5940



221.6670, 13.9390, -4.8210



125.7070, -0.7330, -3.2370



0.0000, 0.0000, 0.0000



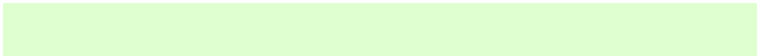
128.0000, -0.0000, -0.0000

Same Dimension

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



221.2470, -2.7940, -15.4500



240.4870, -3.7100, -20.8780



218.6420, -11.2760, -15.9160



111.2400, -0.9160, -5.4280



122.4150, -14.6570, -81.3210



34.7210, -4.4890, -23.2810

Inverse Universe

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



208.7530, 2.7940, 15.4500



223.5130, 3.7100, 20.8780



211.3580, 11.2760, 15.9160



106.7600, 0.9160, 5.4280



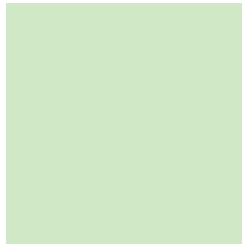
56.5850, 14.6570, 81.3210



16.2790, 4.4890, 23.2810

Previews

White Background



This preview shows how the YIQ color 221.2470, -2.7940, -15.4500 looks on a white background.

Color Contrast Check

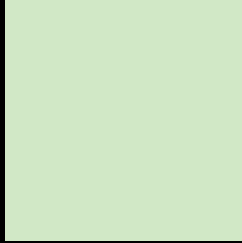
Large Text (above 18pt) WCAG AA × Fail

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 221.2470, -2.7940, -15.4500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

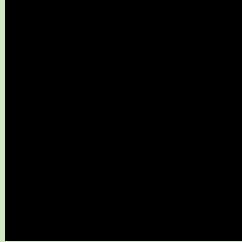
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

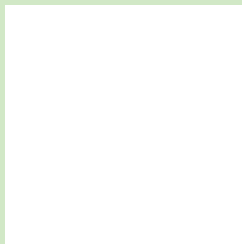
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.2470, -2.7940, -15.4500

Background



This preview shows how black text looks on a background with the YIQ color 221.2470, -2.7940, -15.4500.



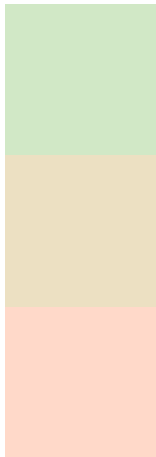
This preview shows how white text looks on a background with the YIQ color 221.2470, -2.7940,

-15.4500.

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

221.2470, -2.7940, -15.4500

Protanopia

224.1680, 16.7820, -6.7860

Deuteranopia

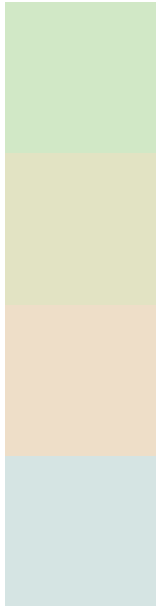
226.5380, 27.7840, 3.0800



Tritanopia

224.9480, -11.4170, 3.1670

Trichromacy



Original Color

221.2470, -2.7940, -15.4500

Protanomaly

223.0530, 9.6760, -10.1640

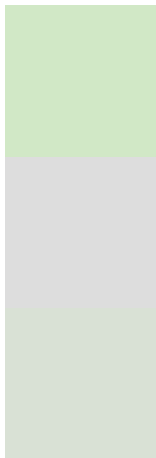
Deuteranomaly

224.2760, 16.5980, -3.4500

Tritanomaly

223.4010, -8.6190, -3.4910

Monochromacy



Original Color

221.2470, -2.7940, -15.4500

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.2400, -0.9160, -5.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.2470, -2.7940, -15.4500 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(209, 232, 198)` looks like.

```
.text, #text, p{  
    color:rgb(209, 232, 198)  
}
```

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(209, 232, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 232, 198) }
```

Border

The CSS property to change the border of an element to YIQ 221.2470, -2.7940, -15.4500 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(209, 232, 198) }
```


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

```
.border{ border-color:rgb(209, 232, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 232, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 232, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 232, 198);  
box-shadow:4px 4px 4px 4px rgb(209, 232,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 221.2470, -2.7940, -15.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 232, 198) }
```

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

```
.background{ background-color: rgb(209,  
232, 198) }
```

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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