

Converting Colors

YIQ(222.1370, -8.2960,
-14.8560)

Have a look what the booklet for
YIQ(222.1370, -8.2960, -14.8560)
contains.

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Color

**YIQ(222.1370, -8.2960,
-14.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	CDEACE
RGB	205, 234, 206
RGB Percent	80%, 92%, 81%
CMY	0.1962, 0.0823, 0.1922
CMYK	0.12, 0.00, 0.12, 0.08
HSL	122°, 41%, 86%
HSV	122°, 12%, 92%
XYZ	65.7373, 76.2846, 69.6504
YIQ	222.1370, -8.2960, -14.8560

Conversions

Conversions Part 2

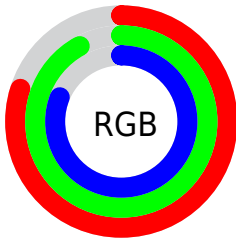
Format	Color
R _Y B	205, 233, 234
Decimal	13494990
CIE Lab	89.99, -14.68, 10.42
CIE LCh	90, 18.004, 144.646
Yxy	76.2846, 0.3106, 0.3604
Android (android.graphics.Color)	4291685070 (0xFFCDEACE)
YUV	222.1370, -7.9555, -15.0291
Hunter-Lab	87.3411, -18.4989, 13.8578

Details

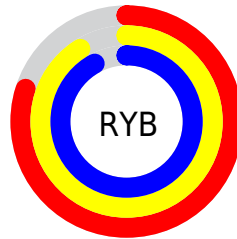
The YIQ color $222.1370, -8.2960, -14.8560$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $216.8630, 8.2960, 14.8560$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.9630, -7.7460, -13.8100$ is the 20% darker color. If you saturate the color by 10%, you get $212.6380, -14.6210, -26.8850$, and if you desaturate by 10%, it is $231.6360, -1.9710, -2.8270$.

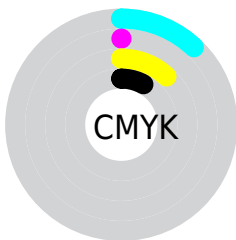
Distribution



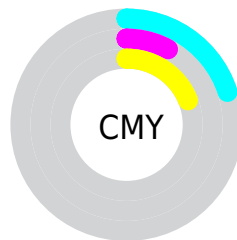
- Red (80%)
- Green (92%)
- Blue (81%)



- Red (80%)
- Yellow (91%)
- Blue (92%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.1370, -8.2960, -14.8560 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 222.1370, -8.2960, -14.8560 by changing the saturation by 10% instead.

■ 222.1370, -8.2960,
-14.8560

■ 222.1370, -8.2960,
-14.8560

255.0000, -0.0000,
-0.0000

■ 194.1370, -8.2960,
-14.8560

■ 166.9630, -7.7460,
-13.8100

■ 140.3760, -7.4710,
-13.2870

■ 115.0770, -8.0670,
-13.4990

■ 89.9030, -7.5170,
-12.4530

■ 66.3160, -7.2420,
-11.9300

■ 44.4300, -7.5630,

-11.6190

■ 22.6150, -6.6460,
-11.7180

■ 0.0000, 0.0000,
0.0000

■ 222.1370, -8.2960,
-14.8560

■ 222.1370, -8.2960,
-14.8560

■ 212.6380,
-14.6210, -26.8850

■ 231.6360, -1.9710,
-2.8270

■ 202.9540,
-21.8630, -38.8150

■ 241.3200, 5.2710,
9.1030

■ 193.4550,
-28.1880, -50.8440

■ 242.6730, 5.7750,
10.9830

■ 183.7710,
-35.4300, -62.7740

■ 174.2720,
-41.7550, -74.8030

■ 164.8870,
-48.4010, -86.5210

■ 155.0890,
-55.3220, -98.7620

■ 145.5900,
-61.6470, -110.7910

■ 138.2700,
-66.9180, -119.8940

Harmonies

Analogous

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



224.5150, 8.2550, -11.9450



222.1370, -8.2960, -14.8560



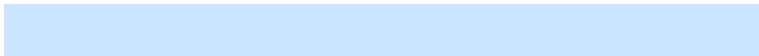
220.3510, -23.5180, -14.3180

Triad

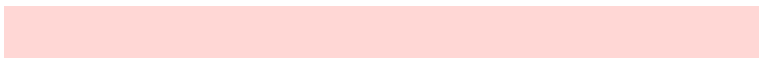
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.1370, -8.2960, -14.8560



224.4890, -23.2460, 2.7860



226.7320, 24.4820, 7.8580

Complementary

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



222.1370, -8.2960, -14.8560



216.8630, 8.2960, 14.8560

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.



228.6700, 19.0250, 13.1450



222.1370, -8.2960, -14.8560



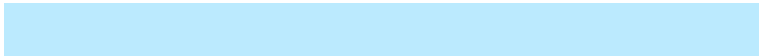
227.5450, -8.4840, 10.5880

Square

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



222.1370, -8.2960, -14.8560



222.2270, -34.4320, -3.7440



229.5640, 7.7000, 14.6440



227.4840, 27.8760, 1.4120

Rectangle

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



222.1370, -8.2960, -14.8560



220.5120, -31.2210, -12.3810



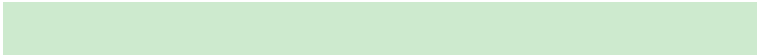
229.5640, 7.7000, 14.6440



227.3020, 22.8770, 9.4130

Sweetspot

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



222.1370, -8.2960, -14.8560



250.8700, -2.7500, -5.2300



230.3950, 8.7130, -9.2310



125.1090, -1.9250, -3.6610



0.0000, 0.0000, 0.0000



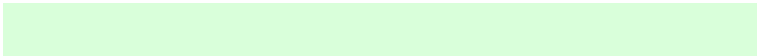
128.0000, -0.0000, -0.0000

Same Dimension

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



222.1370, -8.2960, -14.8560



239.4200, -10.7710, -19.5630



223.7330, -12.7900, -10.5020



112.4570, -3.0250, -5.7530



106.9310, -51.7010, -92.7970



31.9260, -15.4920, -27.6200

Inverse Universe

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



216.8630, 8.2960, 14.8560



232.5800, 10.7710, 19.5630



215.2670, 12.7900, 10.5020



110.5430, 3.0250, 5.7530



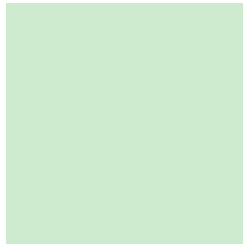
74.0690, 51.7010, 92.7970



22.0740, 15.4920, 27.6200

Previews

White Background



This preview shows how the YIQ color 222.1370, -8.2960, -14.8560 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 222.1370, -8.2960, -14.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

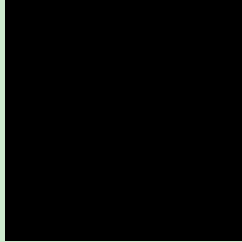
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

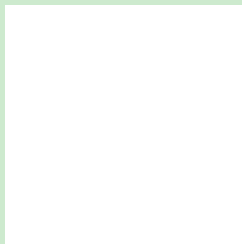
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.1370, -8.2960, -14.8560

Background



This preview shows how black text looks on a background with the YIQ color 222.1370, -8.2960, -14.8560.



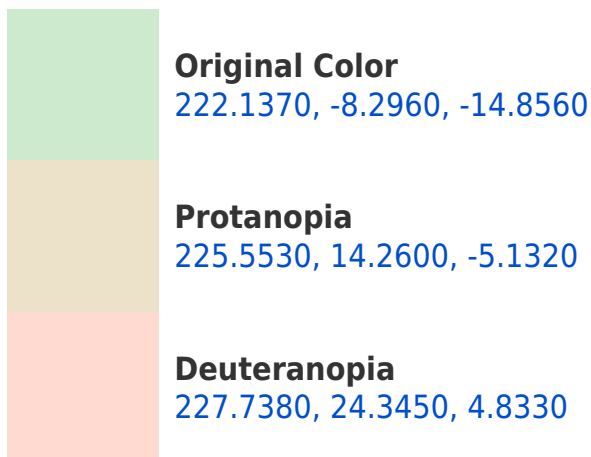
This preview shows how white text looks on a background with the YIQ color 222.1370, -8.2960, -14.8560.

-14.8560.

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

225.2680, -15.3140, 2.2060

Trichromacy



Original Color

222.1370, -8.2960, -14.8560

Protanomaly

224.2530, 6.2370, -8.4110

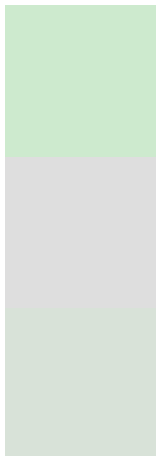
Deuteranomaly

225.7640, 12.2880, -2.4320

Tritanomaly

223.8350, -12.8370, -4.1410

Monochromacy



Original Color

222.1370, -8.2960, -14.8560

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.8700, -2.7500, -5.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.1370, -8.2960, -14.8560 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(205, 234, 206)` looks like.

```
.text, #text, p{  
    color:rgb(205, 234, 206)  
}
```

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(205, 234, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 234, 206) }
```

Border

The CSS property to change the border of an element to YIQ 222.1370, -8.2960, -14.8560 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(205, 234, 206) }
```


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

```
.border{ border-color:rgb(205, 234, 206) }
```

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

Here you see how a box with a 4 pixel rgb(205, 234, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 234, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 234, 206);  
box-shadow:4px 4px 4px 4px rgb(205, 234,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 222.1370, -8.2960, -14.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 234, 206) }
```

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

```
.background{ background-color: rgb(205,  
234, 206) }
```

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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