

Converting Colors

YIQ(198.1350, -4.8140, -0.8620)

Have a look what the booklet for
YIQ(198.1350, -4.8140, -0.8620)
contains.

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Color

**YIQ(198.1350, -4.8140,
-0.8620)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C1C8CA |
| RGB | 193, 200, 202 |
| RGB Percent | 76%, 78%, 79% |
| CMY | 0.2431, 0.2157, 0.2079 |
| CMYK | 0.04, 0.01, 0.00, 0.21 |
| HSL | 193°, 8%, 77% |
| HSV | 193°, 4%, 79% |
| XYZ | 53.3063, 56.9109, 64.0492 |
| YIQ | 198.1350, -4.8140, -0.8620 |

Conversions

Conversions Part 2

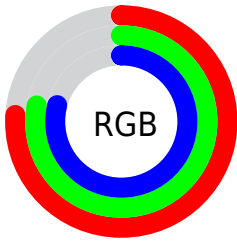
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 193, 197, 202 |
| Decimal | 12699850 |
| CIE Lab | 80.13, -2.02, -1.84 |
| CIE LCh | 80, 2.727, 222.333 |
| Yxy | 56.9109, 0.3059, 0.3266 |
| Android (android.graphics.Color) | 4290889930 (0xFFC1C8CA) |
| YUV | 198.1350, 1.9054, -4.5034 |
| Hunter-Lab | 75.4393, -5.8885, 2.4693 |

Details

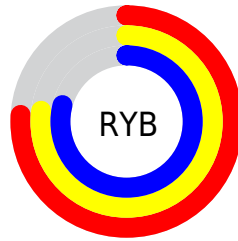
The YIQ color $198.1350, -4.8140, -0.8620$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $196.8650, 4.8140, 0.8620$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2060, -3.5760, -1.2720$, and $144.1350, -4.8140, -0.8620$ is the 20% darker color. If you saturate the color by 10%, you get $189.8070, -15.6340, -3.0100$, and if you desaturate by 10%, it is $206.4630, 6.0060, 1.2860$.

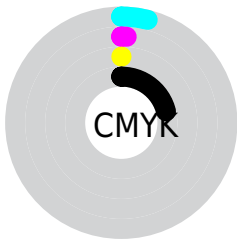
Distribution



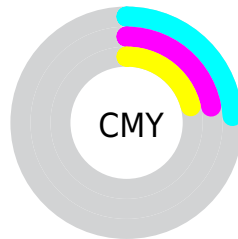
- Red (76%)
- Green (78%)
- Blue (79%)



- Red (76%)
- Yellow (77%)
- Blue (79%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.1350, -4.8140, -0.8620 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 198.1350, -4.8140, -0.8620 by changing the saturation by 10% instead.

■ 198.1350, -4.8140,
-0.8620

■ 198.1350, -4.8140,
-0.8620

255.0000, -0.0000,
-0.0000

■ 171.1350, -4.8140,
-0.8620

■ 253.2060, -3.5760,
-1.2720

■ 144.1350, -4.8140,
-0.8620

■ 118.4340, -4.2180,
-0.6500

■ 94.3200, -3.8970,
-0.9610

■ 70.4340, -4.2180,
-0.6500

■ 48.3200, -3.8970,
-0.9610

■ 27.3200, -3.8970,

-0.9610

■ 1.1570, -1.8800,
1.0320

■ 0.0000, 0.0000,
0.0000

■ 198.1350, -4.8140,
-0.8620

■ 198.1350, -4.8140,
-0.8620

■ 189.8070,
-15.6340, -3.0100

■ 206.4630, 6.0060,
1.2860

■ 180.8920,
-26.1790, -4.6350

■ 215.3780, 16.5510,
2.9110

■ 172.2650,
-37.5950, -6.9950

■ 224.0050, 27.9670,
5.2710

■ 163.3500,
-48.1400, -8.6200

■ 227.2390, 27.1880,
2.8680

■ 155.0220,
-58.9600, -10.7680

■ 229.5870, 26.0880,
0.7760

■ 146.1070,
-69.5050, -12.3930

■ 232.5220, 24.7130,
-1.8390

■ 137.7790,
-80.3250, -14.5410

■ 234.8700, 23.6130,
-3.9310

■ 128.5650,
-91.4660, -16.3780

■ 237.8050, 22.2380,
-6.5460

■ 120.2370,
-102.2860, -18.5260

■ 240.1530, 21.1380,
-8.6380

Harmonies

Analogous

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



197.9070, -4.1720, -1.4840



198.1350, -4.8140, -0.8620



198.2600, -3.6680, 0.3960

Triad

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



198.1350, -4.8140, -0.8620



199.1360, 2.6130, 2.2050



198.7290, 2.2010, -1.3430

Complementary

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



198.1350, -4.8140, -0.8620



196.8650, 4.8140, 0.8620

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.



199.0390, 4.2640, -0.1840



198.1350, -4.8140, -0.8620



199.2070, 3.8510, 1.7950

Square

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



198.1350, -4.8140, -0.8620



199.3530, 0.5040, 1.8800



198.8650, 4.8140, 0.8620



198.5330, -0.1830, -2.1910

Rectangle

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



198.1350, -4.8140, -0.8620



198.6730, -3.3930, 0.9190



198.8650, 4.8140, 0.8620



199.0280, 2.7970, -1.1310

Sweetspot

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



198.1350, -4.8140, -0.8620



253.5160, -1.5130, -0.1130



198.5110, -3.1170, -4.0850



126.8150, -0.9170, 0.0990



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.



198.1350, -4.8140, -0.8620



249.3520, -6.9230, -1.1870



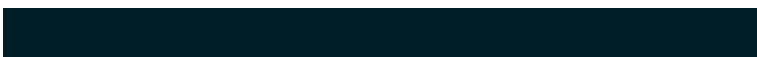
195.7870, -3.7140, 1.2300



99.6190, -3.3010, -0.7490



94.6470, -88.7610, -15.8410



21.9420, -20.4480, -3.8720

Inverse Universe

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



196.4890, 3.1170, 4.0850



247.0270, 4.5380, 5.8660



199.2130, 3.7140, -1.2300



98.3640, 1.9710, 2.8270



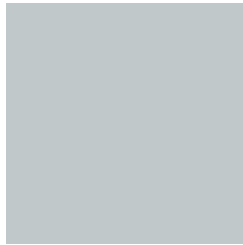
64.3400, 57.5270, 75.3110



14.7820, 13.0180, 17.3860

Previews

White Background



This preview shows how the YIQ color 198.1350, -4.8140, -0.8620 looks on a white background.

Color Contrast Check

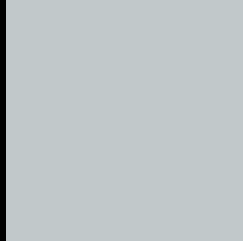
Large Text (above 18pt) WCAG AA × Fail

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 198.1350, -4.8140, -0.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

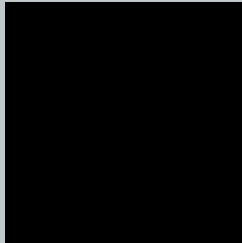
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

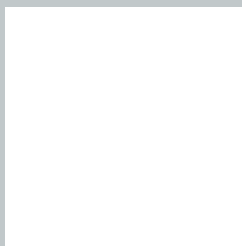
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.1350, -4.8140, -0.8620

Background



This preview shows how black text looks on a background with the YIQ color 198.1350, -4.8140, -0.8620.



This preview shows how white text looks on a background with the YIQ color 198.1350, -4.8140,

-0.8620.

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

198.1350, -4.8140, -0.8620

Protanopia

199.2390, 0.8250, 1.5690

Deuteranopia

200.2450, 9.8560, 8.6080



Tritanopia

198.9270, -6.9240, 4.3400

Trichromacy



Original Color

198.1350, -4.8140, -0.8620

Protanomaly

198.9290, -1.2380, 0.4100

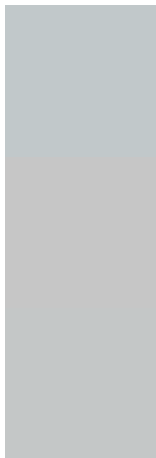
Deuteranomaly

199.5000, 4.5840, 5.0320

Tritanomaly

198.7590, -6.5110, 2.3610

Monochromacy



Original Color

198.1350, -4.8140, -0.8620

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.1030, -1.7880, -0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.1350, -4.8140, -0.8620 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(193, 200, 202)` looks like.

```
.text, #text, p{  
    color:rgb(193, 200, 202)  
}
```

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(193, 200, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 200, 202) }
```

Border

The CSS property to change the border of an element to YIQ 198.1350, -4.8140, -0.8620 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(193, 200, 202) }
```


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

```
.border{ border-color:rgb(193, 200, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 200, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 200, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 200, 202);  
box-shadow:4px 4px 4px 4px rgb(193, 200,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 198.1350, -4.8140, -0.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 200, 202) }
```

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

```
.background{ background-color: rgb(193,  
200, 202) }
```

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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