

Converting Colors

YIQ(198.7150, -12.3790,
-1.4270)

Have a look what the booklet for
YIQ(198.7150, -12.3790, -1.4270)
contains.

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Color

**YIQ(198.7150, -12.3790,
-1.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	BACBD2
RGB	186, 203, 210
RGB Percent	73%, 80%, 82%
CMY	0.2706, 0.2039, 0.1765
CMYK	0.11, 0.03, 0.00, 0.18
HSL	197°, 21%, 78%
HSV	197°, 11%, 82%
XYZ	53.2362, 57.8057, 69.3154
YIQ	198.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

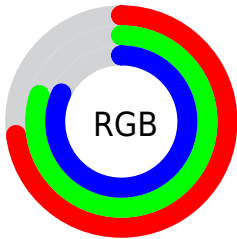
Format	Color
RYB	186, 196, 210
Decimal	12241874
CIELab	80.63, -4.36, -5.44
CIELCh	81, 6.974, 231.332
Yxy	57.8057, 0.2952, 0.3205
Android (android.graphics.Color)	4290431954 (0xFFBACBD2)
YUV	198.7150, 5.5635, -11.1511
Hunter-Lab	76.0300, -8.0669, -0.8328

Details

The YIQ color $198.7150, -12.3790, -1.4270$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $197.2850, 12.3790, 1.4270$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, -7.7480, -2.7560$, and $145.0140, -11.7830, -1.2150$ is the 20% darker color. If you saturate the color by 10%, you get $188.9140, -23.2450, -2.7410$, and if you desaturate by 10%, it is $208.5160, -1.5130, -0.1130$.

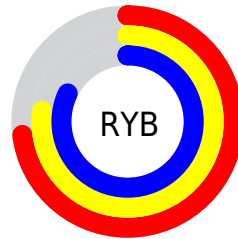
Distribution



Red (73%)

Green (80%)

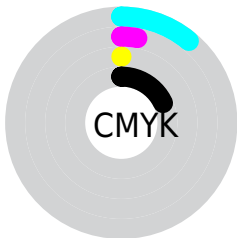
Blue (82%)



Red (73%)

Yellow (77%)

Blue (82%)

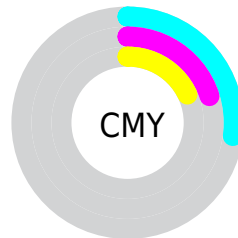


Cyan (11%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (27%)

Magenta (20%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.7150, -12.3790, -1.4270 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 198.7150, -12.3790, -1.4270 by changing the saturation by 10% instead.

■ 198.7150,
-12.3790, -1.4270

■ 198.7150,
-12.3790, -1.4270

255.0000, -0.0000,
-0.0000

■ 171.6010,
-12.0580, -1.7380

■ 251.1130, -7.7480,
-2.7560

■ 145.0140,
-11.7830, -1.2150

■ 119.0140,
-11.7830, -1.2150

■ 94.1990, -10.8660,
-1.3140

■ 70.4980, -10.2700,
-1.1020

■ 48.0850, -10.5450,
-1.6250

■ 27.0850, -10.5450,

-1.6250

■ 4.6450, -6.1900,
2.0500

■ 0.0000, 0.0000,
0.0000

■ 198.7150,
-12.3790, -1.4270

■ 198.7150,
-12.3790, -1.4270

■ 188.9140,
-23.2450, -2.7410

■ 208.5160, -1.5130,
-0.1130

■ 179.1130,
-34.1110, -4.0550

■ 218.3170, 9.3530,
1.2010

■ 169.3120,
-44.9770, -5.3690

■ 228.1180, 20.2190,
2.5150

■ 159.5110,
-55.8430, -6.6830

■ 233.4340, 22.1450,
0.6490

■ 149.1230,
-66.4340, -7.4740

■ 237.5430, 20.2200,
-3.0120

■ 139.3220,
-77.3000, -8.7880

■ 241.0650, 18.5700,
-6.1500

■ 129.5210,
-88.1660, -10.1020

■ 244.5870, 16.9200,
-9.2880

■ 119.7200,
-99.0320, -11.4160

■ 248.1090, 15.2700,
-12.4260

■ 111.4030,
-108.3850, -12.6170

■ 249.8700, 14.4450,
-13.9950

Harmonies

Analogous

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



198.1340, -12.2410, -3.9290



198.7150, -12.3790, -1.4270



199.3780, -9.8120, 1.6120

Triad

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



198.7150, -12.3790, -1.4270



201.7670, 8.2060, 5.4700



199.5180, 4.1730, -4.0430

Complementary

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



198.7150, -12.3790, -1.4270



197.2850, 12.3790, 1.4270

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.



200.3230, 9.2160, -1.8240



198.7150, -12.3790, -1.4270



201.6810, 11.3240, 4.0280

Square

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



198.7150, -12.3790, -1.4270



201.2440, 2.4290, 5.5410



200.9860, 11.7830, 1.2150



198.7560, -2.4290, -5.5410

Rectangle

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



198.7150, -12.3790, -1.4270



200.5850, -5.9610, 3.4070



200.9860, 11.7830, 1.2150



199.4150, 5.9610, -3.4070

Sweetspot

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



198.7150, -12.3790, -1.4270



251.4340, -4.2180, -0.6500



200.8860, -8.8470, -10.3750



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



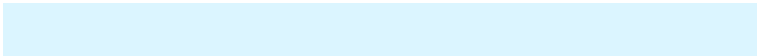
128.0000, -0.0000, -0.0000

Same Dimension

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



198.7150, -12.3790, -1.4270



238.3660, -18.7060, -2.4020



191.6710, -9.0790, 4.8490



99.9500, -5.7310, -0.7630



89.0050, -86.6530, -9.9890



21.6970, -21.1360, -2.4160

Inverse Universe

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



195.1140, 8.8470, 10.3750



232.7280, 13.1100, 15.7180



204.3290, 9.0790, -4.8490



98.2010, 3.9880, 4.8200



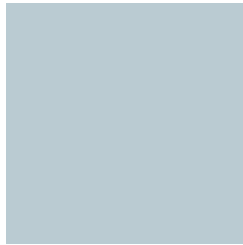
63.7980, 61.9290, 72.6250



15.5650, 15.1270, 17.7110

Previews

White Background



This preview shows how the YIQ color 198.7150, -12.3790, -1.4270 looks on a white background.

Color Contrast Check

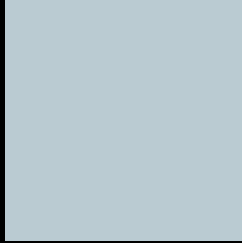
Large Text (above 18pt) WCAG AA × Fail

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 198.7150, -12.3790, -1.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

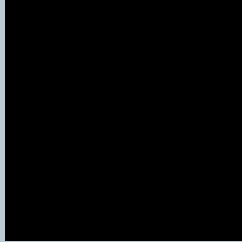
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

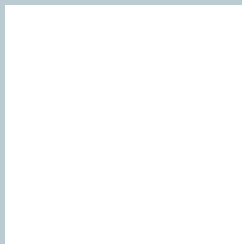
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.7150, -12.3790, -1.4270

Background



This preview shows how black text looks on a background with the YIQ color 198.7150, -12.3790, -1.4270.



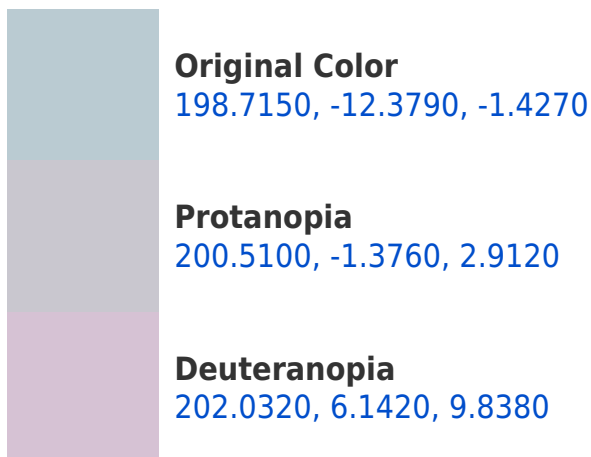
This preview shows how white text looks on a background with the YIQ color 198.7150, -12.3790, -1.4270.

-1.4270.

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

199.3390, -14.0760, 1.7960

Trichromacy



Original Color

198.7150, -12.3790, -1.4270

Protanomaly

199.7160, -4.9520, 1.6400

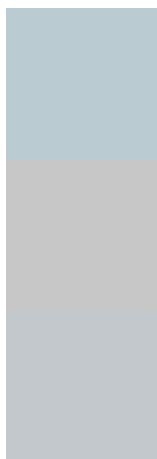
Deuteranomaly

200.6890, -0.3220, 5.8380

Tritanomaly

198.9970, -13.1130, 0.8630

Monochromacy



Original Color

198.7150, -12.3790, -1.4270

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.5480, -4.5390, -0.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.7150, -12.3790, -1.4270 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(186, 203, 210)` looks like.

```
.text, #text, p{  
    color:rgb(186, 203, 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(186, 203, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 203, 210) }
```

Border

The CSS property to change the border of an element to YIQ 198.7150, -12.3790, -1.4270 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(186, 203, 210) }
```


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

```
.border{ border-color:rgb(186, 203, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 203, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 203, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 203, 210);  
box-shadow:4px 4px 4px 4px rgb(186, 203,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 198.7150, -12.3790, -1.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 203, 210) }
```

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

```
.background{ background-color: rgb(186,  
203, 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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