

Converting Colors

YIQ(198.9410, -27.8750,
-6.9390)

Have a look what the booklet for
YIQ(198.9410, -27.8750, -6.9390)
contains.

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Color

**YIQ(198.9410, -27.8750,
-6.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D3DA
RGB	168, 211, 218
RGB Percent	66%, 83%, 85%
CMY	0.3413, 0.1725, 0.1452
CMYK	0.23, 0.03, 0.00, 0.15
HSL	188°, 40%, 76%
HSV	188°, 23%, 85%
XYZ	52.0929, 59.9800, 75.1411
YIQ	198.9410, -27.8750, -6.9390

Conversions

Conversions Part 2

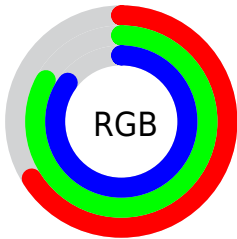
Format	Color
RYB	168, 191, 218
Decimal	11064282
CIELab	81.83, -12.49, -8.07
CIELCh	82, 14.869, 212.881
Yxy	59.9800, 0.2783, 0.3204
Android (android.graphics.Color)	4289254362 (0xFFA8D3DA)
YUV	198.9410, 9.3961, -27.1353
Hunter-Lab	77.4468, -15.4676, -3.3121

Details

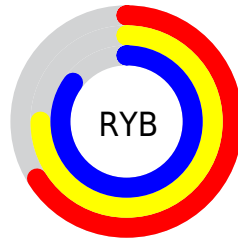
The YIQ color $198.9410, -27.8750, -6.9390$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $187.0590, 27.8750, 6.9390$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.7310, -18.4760, -6.5720$, and $144.5390, -26.6830, -6.5150$ is the 20% darker color. If you saturate the color by 10%, you get $190.6020, -40.1620, -10.0340$, and if you desaturate by 10%, it is $207.2800, -15.5880, -3.8440$.

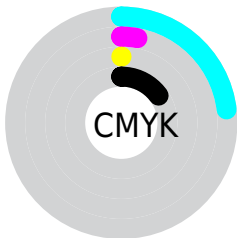
Distribution



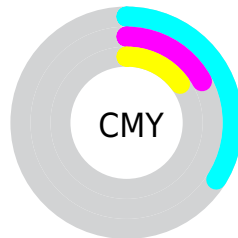
- Red (66%)
- Green (83%)
- Blue (85%)



- Red (66%)
- Yellow (75%)
- Blue (85%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (34%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.9410, -27.8750, -6.9390 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 198.9410, -27.8750, -6.9390 by changing the saturation by 10% instead.

■ 198.9410,
-27.8750, -6.9390

■ 198.9410,
-27.8750, -6.9390

■ 255.0000, -0.0000,
-0.0000

■ 171.2400,
-27.2790, -6.7270

■ 245.7310,
-18.4760, -6.5720

■ 144.5390,
-26.6830, -6.5150

■ 254.4020, -1.1920,
-0.4240

■ 118.5390,
-26.6830, -6.5150

■ 93.4250, -26.3620,
-6.8260

■ 69.4250, -26.3620,
-6.8260

■ 45.2290, -28.7460,
-7.6740

■ 25.9200, -23.3820,

-5.7660

■ 10.1390, -10.6370,
0.0430

■ 0.0000, 0.0000,
0.0000

■ 198.9410,
-27.8750, -6.9390

■ 198.9410,
-27.8750, -6.9390

■ 190.6020,
-40.1620, -10.0340

■ 207.2800,
-15.5880, -3.8440

■ 182.2630,
-52.4490, -13.1290

■ 215.6190, -3.3010,
-0.7490

■ 174.2230,
-64.1400, -16.0120

■ 223.6590, 8.3900,
2.1340

■ 165.8840,
-76.4270, -19.1070

■ 231.9980, 20.6770,
5.2290

■ 157.5450,
-88.7140, -22.2020

■ 233.7590, 19.8520,
3.6600

■ 149.2060,
-101.0010, -25.2970

■ 235.5200, 19.0270,
2.0910

■ 140.8670,
-113.2880, -28.3920

■ 237.2810, 18.2020,
0.5220

■ 135.2080,
-121.6780, -30.5260

■ 239.0420, 17.3770,
-1.0470

■ 240.8030, 16.5520,
-2.6160

Harmonies

Analogous

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



198.8290, -21.8680, -11.1800



198.9410, -27.8750, -6.9390



200.4130, -26.0880, -0.7760

Triad

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



198.9410, -27.8750, -6.9390



206.3530, 9.6720, 11.9440



202.9120, 14.6270, -6.2770

Complementary

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



198.9410, -27.8750, -6.9390



187.0590, 27.8750, 6.9390

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.



204.2060, 22.7870, 0.0270



198.9410, -27.8750, -6.9390



206.3880, 19.7590, 10.8550

Square

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



198.9410, -27.8750, -6.9390



204.8830, -3.6240, 10.6160



205.6780, 24.5740, 6.1900



201.2310, 3.3030, -10.3050

Rectangle

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



198.9410, -27.8750, -6.9390



202.5710, -20.5410, 3.3230



205.6780, 24.5740, 6.1900



203.2330, 18.1570, -4.1710

Sweetspot

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



198.9410, -27.8750, -6.9390



248.4440, -10.1780, -2.7700



198.1480, -15.9970, -23.9730



123.5370, -6.0060, -1.2860



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.



198.9410, -27.8750, -6.9390



227.9010, -39.5660, -9.8220



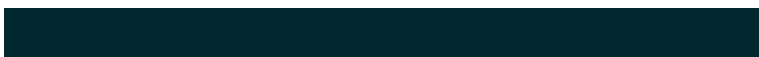
184.2660, -21.0000, 6.1360



105.5370, -6.0060, -1.2860



107.1850, -96.5080, -24.1240



28.7240, -25.7660, -6.6140

Inverse Universe

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



187.8520, 15.9970, 23.9730



212.1830, 22.7350, 34.0230



201.7340, 21.0000, -6.1360



103.3150, 3.6670, 5.1310



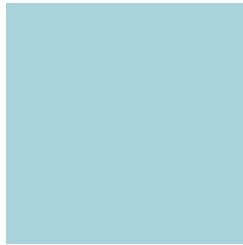
68.7130, 55.2790, 83.0150



18.3140, 14.5760, 22.1920

Previews

White Background



This preview shows how the YIQ color 198.9410, -27.8750, -6.9390 looks on a white background.

Color Contrast Check

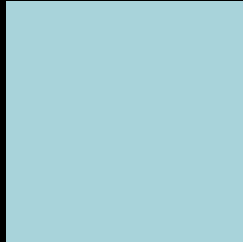
Large Text (above 18pt) WCAG AA × Fail

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 198.9410, -27.8750, -6.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

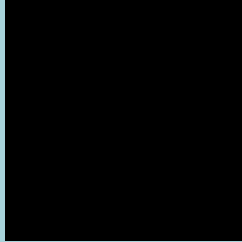
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.9410, -27.8750, -6.9390

Background



This preview shows how black text looks on a background with the YIQ color 198.9410, -27.8750, -6.9390.



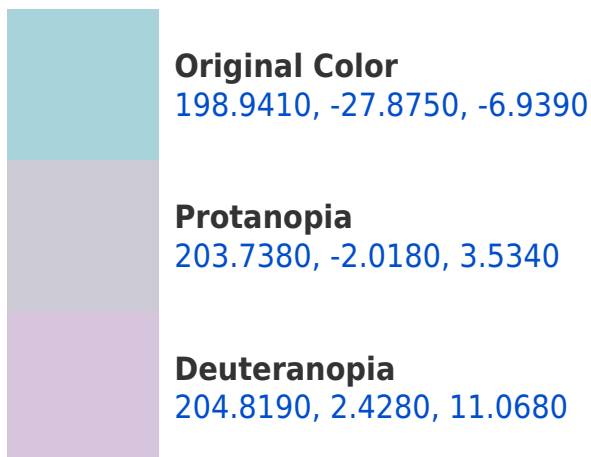
This preview shows how white text looks on a background with the YIQ color 198.9410, -27.8750, -6.9390.

-6.9390.

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

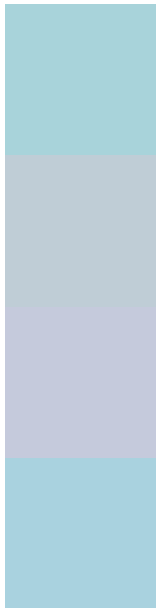




Tritanopia

199.8640, -28.9760, -3.5040

Trichromacy



Original Color

198.9410, -27.8750, -6.9390

Protanomaly

201.8400, -11.2330, -0.1690

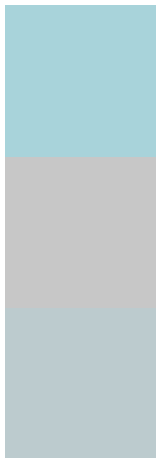
Deuteranomaly

202.5570, -8.7580, 4.5380

Tritanomaly

199.2230, -28.6090, -4.6490

Monochromacy



Original Color

198.9410, -27.8750, -6.9390

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.8570, -9.9030, -2.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.9410, -27.8750, -6.9390 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(168, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(168, 211, 218)  
}
```

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(168, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 211, 218) }
```

Border

The CSS property to change the border of an element to YIQ 198.9410, -27.8750, -6.9390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

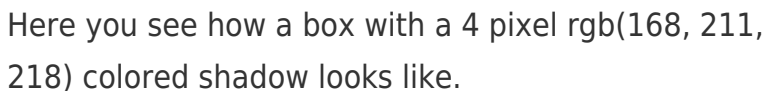
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 211, 218) }
```


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

```
.border{ border-color:rgb(168, 211, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 211, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 211, 218); box-shadow:4px 4px 4px 4px rgb(168, 211, 218) }
```

Background

The CSS property to change the background color of an element to YIQ 198.9410, -27.8750, -6.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 211, 218) }
```

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

```
.background{ background-color: rgb(168,  
211, 218) }
```

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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