

Converting Colors

YIQ(198.7990, -3.9880, -4.8200)

Have a look what the booklet for
YIQ(198.7990, -3.9880, -4.8200)
contains.

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Color

**YIQ(198.7990, -3.9880,
-4.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	C0CBC3
RGB	192, 203, 195
RGB Percent	75%, 80%, 76%
CMY	0.2471, 0.2039, 0.2353
CMYK	0.05, 0.00, 0.04, 0.20
HSL	136°, 10%, 77%
HSV	136°, 5%, 80%
XYZ	52.9433, 57.8595, 60.0059
YIQ	198.7990, -3.9880, -4.8200

Conversions

Conversions Part 2

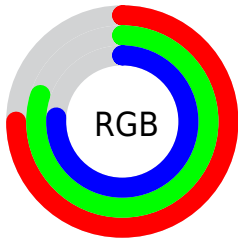
Format	Color
RYB	192, 201, 203
Decimal	12635075
CIELab	80.66, -5.24, 2.68
CIElCh	81, 5.890, 152.909
Yxy	57.8595, 0.3100, 0.3387
Android (android.graphics.Color)	4290825155 (0xFFC0CBC3)
YUV	198.7990, -1.8729, -5.9627
Hunter-Lab	76.0654, -8.8744, 6.4736

Details

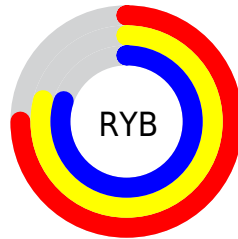
The YIQ color $198.7990, -3.9880, -4.8200$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $196.2010, 3.9880, 4.8200$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.5650, -3.2090, -2.4170$, and $145.0980, -3.3920, -4.6080$ is the 20% darker color. If you saturate the color by 10%, you get $191.1090, -11.0930, -13.7250$, and if you desaturate by 10%, it is $206.4890, 3.1170, 4.0850$.

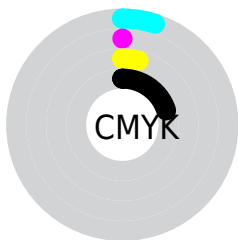
Distribution



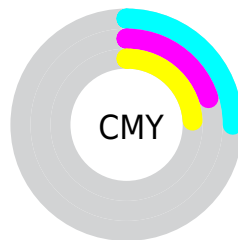
- Red (75%)
- Green (80%)
- Blue (76%)



- Red (75%)
- Yellow (79%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.7990, -3.9880, -4.8200 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 198.7990, -3.9880, -4.8200 by changing the saturation by 10% instead.

■ 198.7990, -3.9880,
-4.8200

■ 198.7990, -3.9880,
-4.8200

255.0000, -0.0000,
-0.0000

■ 171.7990, -3.9880,
-4.8200

■ 252.5650, -3.2090,
-2.4170

■ 145.0980, -3.3920,
-4.6080

■ 119.2120, -3.7130,
-4.2970

■ 94.5110, -3.1170,
-4.0850

■ 70.6250, -3.4380,
-3.7740

■ 48.6250, -3.4380,
-3.7740

■ 27.9240, -2.8420,

-3.5620

■ 2.9350, -1.3750,
-2.6150

■ 0.0000, 0.0000,
0.0000

■ 198.7990, -3.9880,
-4.8200

■ 198.7990, -3.9880,
-4.8200

■ 191.1090,
-11.0930, -13.7250

■ 206.4890, 3.1170,
4.0850

■ 183.1200,
-18.7940, -22.8420

■ 214.4780, 10.8180,
13.2020

■ 175.5440,
-26.2200, -31.4360

■ 222.0540, 18.2440,
21.7960

■ 167.8540,
-33.3250, -40.3410

■ 224.3620, 14.6210,
26.8850

■ 159.8650,
-41.0260, -49.4580

■ 224.4760, 14.3000,
27.1960

■ 152.1750,
-48.1310, -58.3630

■ 144.5990,
-55.5570, -66.9570

■ 136.9090,
-62.6620, -75.8620

■ 128.9200,
-70.3630, -84.9790

Harmonies

Analogous

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



199.5500, 1.1470, -4.2690



198.7990, -3.9880, -4.8200



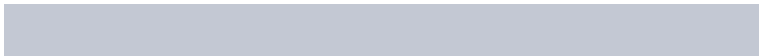
198.7600, -8.2520, -4.6360

Triad

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



198.7990, -3.9880, -4.8200



199.7590, -6.5110, 2.3610



201.1430, 9.9030, 2.2470

Complementary

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



198.7990, -3.9880, -4.8200



196.2010, 3.9880, 4.8200

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.



201.8270, 7.9770, 4.1130



198.7990, -3.9880, -4.8200



201.0370, -1.4220, 3.7460

Square

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



198.7990, -3.9880, -4.8200



199.3240, -9.7200, -0.0560



201.2010, 3.9880, 4.8200



200.7900, 9.3990, 0.3670

Rectangle

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



198.7990, -3.9880, -4.8200



198.3300, -9.8570, -3.0810



201.2010, 3.9880, 4.8200



201.6700, 9.8570, 3.0810

Sweetspot

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



198.7990, -3.9880, -4.8200



253.0490, -1.6960, -2.3040



200.8490, 1.7430, -4.0570



126.8750, -1.1460, -1.2580



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.



198.7990, -3.9880, -4.8200



248.1360, -6.5550, -7.8590



199.3690, -5.5930, -3.2650



98.9240, -2.8420, -3.5620



102.5720, -60.0950, -72.8230



23.4460, -13.6600, -16.7640

Inverse Universe

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



196.2010, 3.9880, 4.8200



243.8640, 6.5550, 7.8590



195.6310, 5.5930, 3.2650



97.0760, 2.8420, 3.5620



63.4280, 60.0950, 72.8230



14.5540, 13.6600, 16.7640

Previews

White Background



This preview shows how the YIQ color 198.7990, -3.9880, -4.8200 looks on a white background.

Color Contrast Check

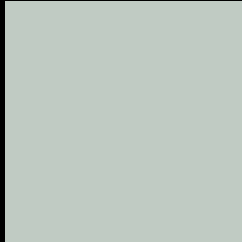
Large Text (above 18pt) WCAG AA × Fail

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 198.7990, -3.9880, -4.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

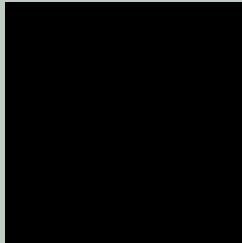
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

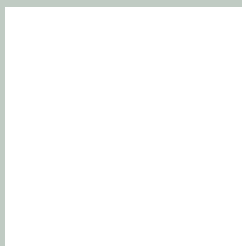
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.7990, -3.9880, -4.8200

Background



This preview shows how black text looks on a background with the YIQ color 198.7990, -3.9880, -4.8200.



This preview shows how white text looks on a background with the YIQ color 198.7990, -3.9880,

-4.8200.

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

198.7990, -3.9880, -4.8200

Protanopia

200.1100, 5.5020, -0.5940

Deuteranopia

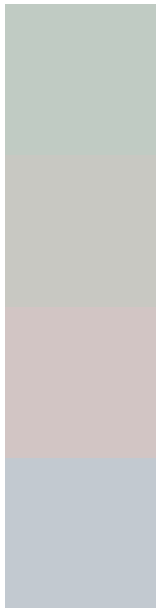
201.5290, 14.8080, 6.9680



Tritanopia

200.3290, -8.1160, 3.9160

Trichromacy



Original Color

198.7990, -3.9880, -4.8200

Protanomaly

199.3160, 1.9260, -1.8660

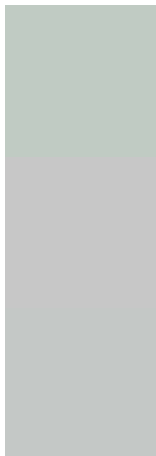
Deuteranomaly

200.7730, 8.0690, 2.4450

Tritanomaly

199.7050, -6.4190, 0.6930

Monochromacy



Original Color

198.7990, -3.9880, -4.8200

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.5760, -1.7420, -1.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.7990, -3.9880, -4.8200 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(192, 203, 195)` looks like.

```
.text, #text, p{  
    color:rgb(192, 203, 195)  
}
```

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(192, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 203, 195) }
```

Border

The CSS property to change the border of an element to YIQ 198.7990, -3.9880, -4.8200 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(192, 203, 195) }
```


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

```
.border{ border-color:rgb(192, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(192, 203,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 198.7990, -3.9880, -4.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 203, 195) }
```

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

```
.background{ background-color: rgb(192,  
203, 195) }
```

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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