

Converting Colors

YIQ(198.2700, -9.6280, -1.7240)

Have a look what the booklet for
YIQ(198.2700, -9.6280, -1.7240)
contains.

YIQ(198.2700, -9.6280, -1.7240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(198.2700, -9.6280,
-1.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCACE
RGB	188, 202, 206
RGB Percent	74%, 79%, 81%
CMY	0.2628, 0.2078, 0.1922
CMYK	0.09, 0.02, 0.00, 0.19
HSL	193°, 16%, 77%
HSV	193°, 9%, 81%
XYZ	52.9983, 57.3899, 66.6699
YIQ	198.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

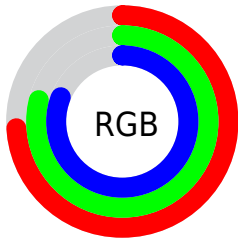
Format	Color
R _Y B	188, 196, 206
Decimal	12372686
CIE Lab	80.40, -3.97, -3.63
CIE LCh	80, 5.379, 222.414
Yxy	57.3899, 0.2993, 0.3241
Android (android.graphics.Color)	4290562766 (0xFFBCCACE)
YUV	198.2700, 3.8109, -9.0068
Hunter-Lab	75.7561, -7.6962, 0.8506

Details

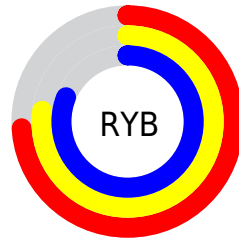
The YIQ color **198.2700, -9.6280, -1.7240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195.7300, 9.6280, 1.7240**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.7110, -6.5560, -2.3320**, and **144.5690, -9.0320, -1.5120** is the 20% darker color. If you saturate the color by 10%, you get **189.0560, -20.7690, -3.5610**, and if you desaturate by 10%, it is **207.4840, 1.5130, 0.1130**.

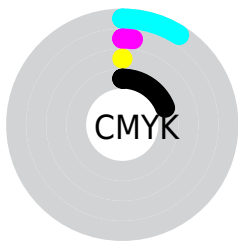
Distribution



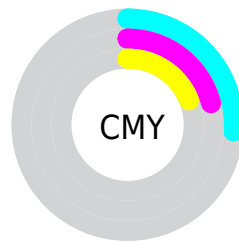
- Red (74%)
- Green (79%)
- Blue (81%)



- Red (74%)
- Yellow (77%)
- Blue (81%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (26%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.2700, -9.6280, -1.7240 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 198.2700, -9.6280, -1.7240 by changing the saturation by 10% instead.

■ 198.2700, -9.6280,
-1.7240

■ 198.2700, -9.6280,
-1.7240

255.0000, -0.0000,
-0.0000

■ 171.2700, -9.6280,
-1.7240

■ 251.7110, -6.5560,
-2.3320

■ 144.5690, -9.0320,
-1.5120

■ 118.5690, -9.0320,
-1.5120

■ 93.8680, -8.4360,
-1.3000

■ 70.7540, -8.1150,
-1.6110

■ 48.0530, -7.5190,
-1.3990

■ 27.0530, -7.5190,

-1.3990

■ 2.9010, -4.0350,
1.5410

■ 0.0000, 0.0000,
0.0000

■ 198.2700, -9.6280,
-1.7240

■ 198.2700, -9.6280,
-1.7240

■ 189.0560,
-20.7690, -3.5610

■ 207.4840, 1.5130,
0.1130

■ 180.7280,
-31.5890, -5.7090

■ 215.8120, 12.3330,
2.2610

■ 171.5140,
-42.7300, -7.5460

■ 225.0260, 23.4740,
4.0980

■ 163.1860,
-53.5500, -9.6940

■ 228.8690, 25.3540,
3.0660

■ 153.9720,
-64.6910, -11.5310

■ 231.8040, 23.9790,
0.4510

■ 145.3450,
-76.1070, -13.8910

■ 234.1520, 22.8790,
-1.6410

■ 136.4300,
-86.6520, -15.5160

■ 237.0870, 21.5040,
-4.2560

■ 127.8030,
-98.0680, -17.8760

■ 239.4350, 20.4040,
-6.3480

■ 118.8880,
-108.6130, -19.5010

■ 242.3700, 19.0290,
-8.9630

Harmonies

Analogous

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



198.2870, -8.2980, -3.8020



198.2700, -9.6280, -1.7240



198.9220, -8.5280, 0.3680

Triad

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



198.2700, -9.6280, -1.7240



200.3860, 4.9050, 4.7210



199.4580, 4.4020, -2.6860

Complementary

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



198.2700, -9.6280, -1.7240



195.7300, 9.6280, 1.7240

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.



199.7790, 7.9320, -0.5800



198.2700, -9.6280, -1.7240



200.5990, 8.6190, 3.4910

Square

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



198.2700, -9.6280, -1.7240



200.5210, 0.0910, 3.8590



200.4310, 9.0320, 1.5120



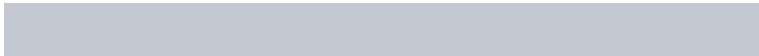
198.4790, -0.0910, -3.8590

Rectangle

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



198.2700, -9.6280, -1.7240



199.5310, -5.8690, 1.7390



200.4310, 9.0320, 1.5120



199.0560, 5.5940, -2.2620

Sweetspot

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



198.2700, -9.6280, -1.7240



251.4340, -4.2180, -0.6500



199.0220, -6.2340, -8.1700



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



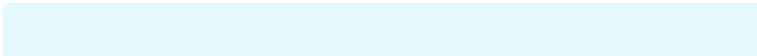
128.0000, -0.0000, -0.0000

Same Dimension

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



198.2700, -9.6280, -1.7240



244.0030, -13.2500, -2.1620



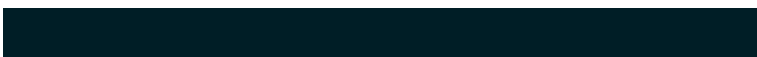
192.9870, -7.1530, 2.9830



97.8360, -5.4100, -1.0740



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.



194.9780, 6.2340, 8.1700



239.6410, 8.8010, 11.2090



201.0130, 7.1530, -2.9830



95.9020, 3.3920, 4.6080



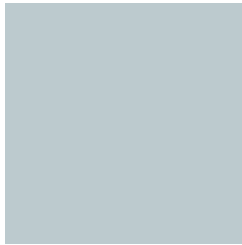
64.3400, 57.5270, 75.3110



14.7820, 13.0180, 17.3860

Previews

White Background



This preview shows how the YIQ color 198.2700, -9.6280, -1.7240 looks on a white background.

Color Contrast Check

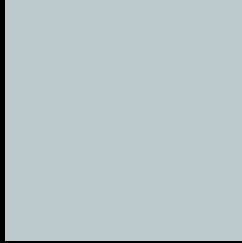
Large Text (above 18pt) WCAG AA × Fail

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 198.2700, -9.6280, -1.7240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

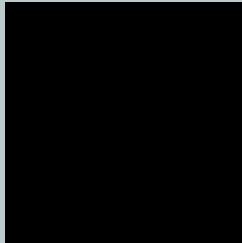
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

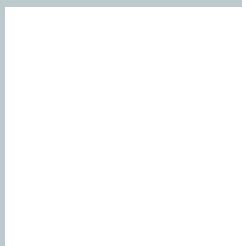
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.2700, -9.6280, -1.7240

Background



This preview shows how black text looks on a background with the YIQ color 198.2700, -9.6280, -1.7240.



This preview shows how white text looks on a background with the YIQ color 198.2700, -9.6280, -1.7240.

-1.7240.

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

198.2700, -9.6280, -1.7240

Protanopia

199.5810, -0.1380, 2.5020

Deuteranopia

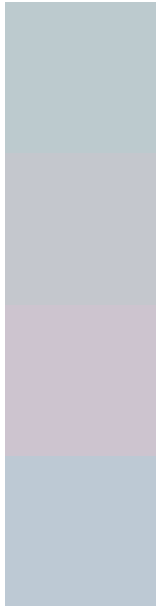
201.2880, 8.2970, 9.3290



Tritanopia

198.8340, -11.0960, 2.8560

Trichromacy



Original Color

198.2700, -9.6280, -1.7240

Protanomaly

198.7870, -3.7140, 1.2300

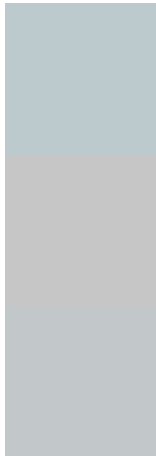
Deuteranomaly

199.9450, 1.8330, 5.3290

Tritanomaly

198.6660, -10.6830, 0.8770

Monochromacy



Original Color

198.2700, -9.6280, -1.7240

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.7330, -3.6220, -0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.2700, -9.6280, -1.7240 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(188, 202, 206)` looks like.

```
.text, #text, p{  
    color:rgb(188, 202, 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(188, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 202, 206) }
```

Border

The CSS property to change the border of an element to YIQ 198.2700, -9.6280, -1.7240 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(188, 202, 206) }
```


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

```
.border{ border-color:rgb(188, 202, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 202, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(188, 202,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 198.2700, -9.6280, -1.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 202, 206) }
```

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

```
.background{ background-color: rgb(188,  
202, 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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