

Converting Colors

YIQ(211.7970, -9.6740, -0.8900)

Have a look what the booklet for
YIQ(211.7970, -9.6740, -0.8900)
contains.

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Color

**YIQ(211.7970, -9.6740,
-0.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD7DD
RGB	202, 215, 221
RGB Percent	79%, 84%, 87%
CMY	0.2079, 0.1568, 0.1334
CMYK	0.09, 0.03, 0.00, 0.13
HSL	199°, 22%, 83%
HSV	199°, 9%, 87%
XYZ	61.7068, 66.3791, 77.9591
YIQ	211.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

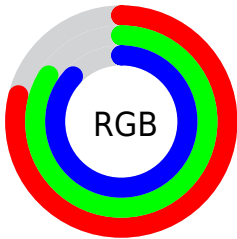
Format	Color
R _Y B	202, 210, 221
Decimal	13293533
CIE Lab	85.19, -3.21, -4.46
CIE LCh	85, 5.496, 234.209
Yxy	66.3791, 0.2995, 0.3222
Android (android.graphics.Color)	4291483613 (0xFFCAD7DD)
YUV	211.7970, 4.5371, -8.5920
Hunter-Lab	81.4734, -7.3851, 0.2988

Details

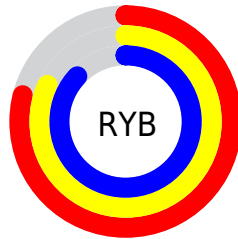
The YIQ color $211.7970, -9.6740, -0.8900$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $211.2030, 9.6740, 0.8900$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $157.0960, -9.0780, -0.6780$ is the 20% darker color. If you saturate the color by 10%, you get $201.1100, -20.8610, -1.8930$, and if you desaturate by 10%, it is $222.4840, 1.5130, 0.1130$.

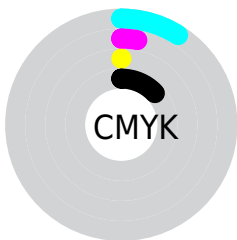
Distribution



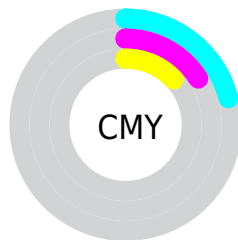
- Red (79%)
- Green (84%)
- Blue (87%)



- Red (79%)
- Yellow (82%)
- Blue (87%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.7970, -9.6740, -0.8900 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 211.7970, -9.6740, -0.8900 by changing the saturation by 10% instead.

■ 211.7970, -9.6740,
-0.8900

■ 211.7970, -9.6740,
-0.8900

255.0000, -0.0000,
-0.0000

■ 184.0960, -9.0780,
-0.6780

■ 157.0960, -9.0780,
-0.6780

■ 131.0960, -9.0780,
-0.6780

■ 105.9820, -8.7570,
-0.9890

■ 81.9820, -8.7570,
-0.9890

■ 58.5800, -7.5650,
-0.5650

■ 37.1670, -7.8400,

-1.0880

■ 15.3840, -9.9490,
-1.4130

■ 0.0000, 0.0000,
0.0000

■ 211.7970, -9.6740,
-0.8900

■ 211.7970, -9.6740,
-0.8900

■ 201.1100,
-20.8610, -1.8930

■ 222.4840, 1.5130,
0.1130

■ 190.4230,
-32.0480, -2.8960

■ 233.1710, 12.7000,
1.1160

■ 179.7360,
-43.2350, -3.8990

■ 239.9710, 16.1390,
-0.6370

■ 169.0490,
-54.4220, -4.9020

■ 244.0800, 14.2140,
-4.2980

■ 158.0630,
-66.2050, -6.1170

■ 248.1890, 12.2890,
-7.9590

■ 147.3760,
-77.3920, -7.1200

■ 251.1240, 10.9140,
-10.5740

■ 136.6890,
-88.5790, -8.1230

■ 126.0020,
-99.7660, -9.1260

■ 115.3150,
-110.9530, -10.1290

Harmonies

Analogous

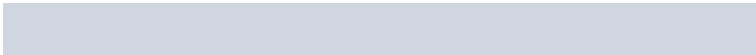
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.3300, -9.8570, -3.0810



211.7970, -9.6740, -0.8900



212.9330, -7.0610, 1.3150

Triad

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



211.7970, -9.6740, -0.8900



213.7560, 6.7390, 4.5230



212.4470, 2.9350, -3.6330

Complementary

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



211.7970, -9.6740, -0.8900



211.2030, 9.6740, 0.8900

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.



212.7680, 6.4650, -1.5270



211.7970, -9.6740, -0.8900



214.0720, 8.6650, 2.6570

Square

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



211.7970, -9.6740, -0.8900



213.7170, 2.4750, 4.7070



213.9040, 9.0780, 0.6780



211.6960, -2.2000, -4.1840

Rectangle

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



211.7970, -9.6740, -0.8900



212.9550, -4.1270, 3.2090



213.9040, 9.0780, 0.6780



212.4580, 4.4020, -2.6860

Sweetspot

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



211.7970, -9.6740, -0.8900



251.4340, -4.2180, -0.6500



213.8370, -7.1510, -8.0710



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



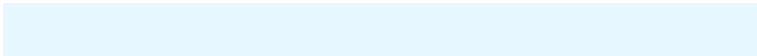
128.0000, -0.0000, -0.0000

Same Dimension

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



211.7970, -9.6740, -0.8900



242.8290, -12.7000, -1.1160



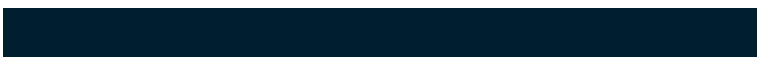
206.5140, -7.1990, 3.8170



104.3630, -5.4560, -0.2400



89.5750, -88.2580, -8.4340



23.4410, -23.2910, -1.9070

Inverse Universe

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



209.1630, 7.1510, 8.0710



239.4130, 9.4430, 10.5870



216.4860, 7.1990, -3.8170



103.0870, 4.3090, 4.5090



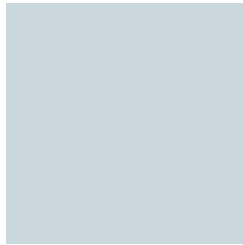
65.2930, 64.9090, 73.6850



17.2880, 17.4650, 19.3930

Previews

White Background



This preview shows how the YIQ color 211.7970, -9.6740, -0.8900 looks on a white background.

Color Contrast Check

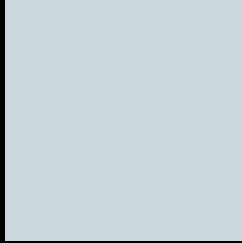
Large Text (above 18pt) WCAG AA × Fail

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 211.7970, -9.6740, -0.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

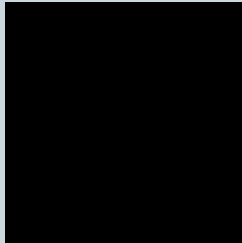
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

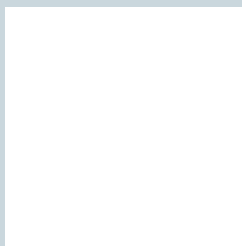
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.7970, -9.6740, -0.8900

Background



This preview shows how black text looks on a background with the YIQ color 211.7970, -9.6740, -0.8900.



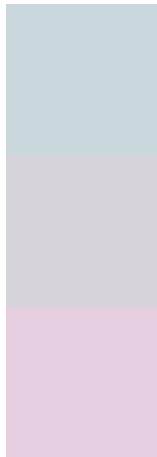
This preview shows how white text looks on a background with the YIQ color 211.7970, -9.6740,

-0.8900.

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

211.7970, -9.6740, -0.8900

Protanopia

212.8090, -0.7800, 3.1240

Deuteranopia

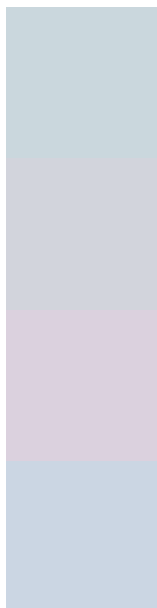
214.8150, 8.2510, 10.1630



Tritanopia

212.8340, -11.0960, 2.8560

Trichromacy



Original Color

211.7970, -9.6740, -0.8900

Protanomaly

212.3140, -3.7600, 2.0640

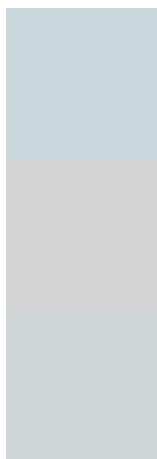
Deuteranomaly

213.4720, 1.7870, 6.1630

Tritanomaly

212.1930, -10.7290, 1.7110

Monochromacy



Original Color

211.7970, -9.6740, -0.8900

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.7330, -3.6220, -0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.7970, -9.6740, -0.8900 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(202, 215, 221)` looks like.

```
.text, #text, p{  
    color:rgb(202, 215, 221)  
}
```

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(202, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 215, 221) }
```

Border

The CSS property to change the border of an element to YIQ 211.7970, -9.6740, -0.8900 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(202, 215, 221) }
```


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

```
.border{ border-color:rgb(202, 215, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(202, 215,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 211.7970, -9.6740, -0.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 215, 221) }
```

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

```
.background{ background-color: rgb(202,  
215, 221) }
```

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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