

Converting Colors

YIQ(189.9970, -13.1130, 0.8630)

Have a look what the booklet for
YIQ(189.9970, -13.1130, 0.8630)
contains.

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Color

**YIQ(189.9970, -13.1130,
0.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C1CE
RGB	178, 193, 206
RGB Percent	70%, 76%, 81%
CMY	0.3020, 0.2431, 0.1922
CMYK	0.14, 0.06, 0.00, 0.19
HSL	208°, 22%, 75%
HSV	208°, 14%, 81%
XYZ	48.5685, 52.0623, 65.8716
YIQ	189.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

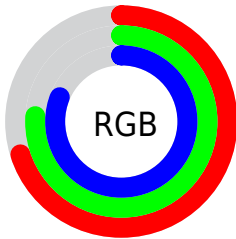
Format	Color
RYB	178, 188, 206
Decimal	11715022
CIELab	77.32, -2.50, -8.26
CIELCh	77, 8.627, 253.188
Yxy	52.0623, 0.2917, 0.3127
Android (android.graphics.Color)	4289905102 (0xFFB2C1CE)
YUV	189.9970, 7.8895, -10.5214
Hunter-Lab	72.1542, -6.1179, -3.6195

Details

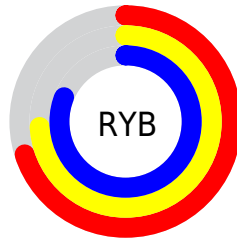
The YIQ color $189.9970, -13.1130, 0.8630$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $194.0030, 13.1130, -0.8630$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.1990, -10.8660, -1.3140$, and $136.8830, -12.7920, 0.5520$ is the 20% darker color. If you saturate the color by 10%, you get $177.8480, -22.8790, 1.6410$, and if you desaturate by 10%, it is $202.1460, -3.3470, 0.0850$.

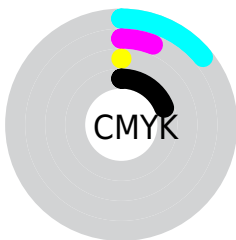
Distribution



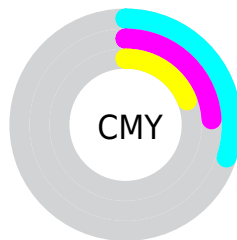
- Red (70%)
- Green (76%)
- Blue (81%)



- Red (70%)
- Yellow (74%)
- Blue (81%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (30%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.9970, -13.1130, 0.8630 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 189.9970, -13.1130, 0.8630 by changing the saturation by 10% instead.

■ 189.9970,
-13.1130, 0.8630

■ 189.9970,
-13.1130, 0.8630

■ 255.0000, -0.0000,
-0.0000

■ 162.8830,
-12.7920, 0.5520

■ 245.1990,
-10.8660, -1.3140

■ 136.8830,
-12.7920, 0.5520

■ 111.1820,
-12.1960, 0.7640

■ 87.0680, -11.8750,
0.4530

■ 63.3670, -11.2790,
0.6650

■ 41.2530, -10.9580,
0.3540

■ 20.5410, -11.8290,

-0.3810

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 189.9970,
-13.1130, 0.8630

■ 189.9970,
-13.1130, 0.8630

■ 177.8480,
-22.8790, 1.6410

■ 202.1460, -3.3470,
0.0850

■ 166.5850,
-32.3240, 2.1080

■ 213.4090, 6.0980,
-0.3820

■ 154.4360,
-42.0900, 2.8860

■ 225.5580, 15.8640,
-1.1600

■ 143.1730,
-51.5350, 3.3530

■ 235.3260, 22.3290,
-2.6870

■ 131.0240,
-61.3010, 4.1310

■ 241.1960, 19.5790,
-7.9170

■ 119.4620,
-71.3420, 4.3860

■ 246.4790, 17.1040,
-12.6240

■ 107.6120,
-80.5120, 5.3760

■ 249.4140, 15.7290,
-15.2390

■ 96.0500, -90.5530,
5.6310

■ 88.6410, -96.6510,
6.0130

Harmonies

Analogous

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



188.9210, -15.9550, -2.6990



189.9970, -13.1130, 0.8630



190.9270, -6.9240, 4.3400

Triad

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



189.9970, -13.1130, 0.8630



192.8060, 12.4700, 5.2860



189.5990, -0.5490, -6.5730

Complementary

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



189.9970, -13.1130, 0.8630



194.0030, 13.1130, -0.8630

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.



190.6600, 6.6490, -4.8630



189.9970, -13.1130, 0.8630



192.1820, 14.1670, 2.0630

Square

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



189.9970, -13.1130, 0.8630



192.8210, 8.1140, 7.1380



191.4050, 11.9210, -1.2870



188.2930, -8.4350, -6.8270

Rectangle

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



189.9970, -13.1130, 0.8630



192.2050, -1.8350, 5.7250



191.4050, 11.9210, -1.2870



189.7950, 1.8350, -5.7250

Sweetspot

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



189.9970, -13.1130, 0.8630



249.0750, -4.5850, 0.4950



195.9180, -11.8730, -10.6010



124.1460, -3.3470, 0.0850



0.0000, 0.0000, 0.0000



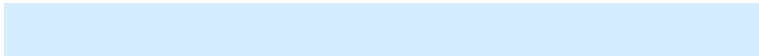
128.0000, -0.0000, -0.0000

Same Dimension

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



189.9970, -13.1130, 0.8630



231.5880, -19.2110, 1.2450



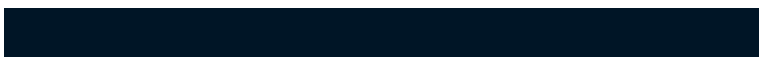
181.7790, -9.2630, 8.1850



96.0750, -4.5850, 0.4950



71.1670, -77.7610, 5.0790



16.6590, -17.9730, 0.8350

Inverse Universe

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



188.0820, 11.8730, 10.6010



228.7670, 17.3740, 15.5340



202.2210, 9.2630, -8.1850



95.5600, 4.3550, 3.6750



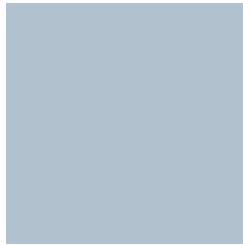
59.7800, 70.3670, 62.8710



13.7560, 15.9070, 14.5870

Previews

White Background



This preview shows how the YIQ color 189.9970, -13.1130, 0.8630 looks on a white background.

Color Contrast Check

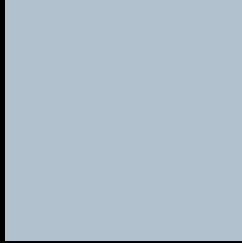
Large Text (above 18pt) WCAG AA × Fail

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 189.9970, -13.1130, 0.8630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

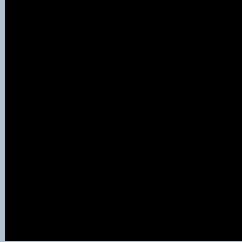
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

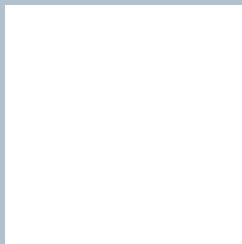
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 189.9970, -13.1130, 0.8630

Background



This preview shows how black text looks on a background with the YIQ color 189.9970, -13.1130, 0.8630.



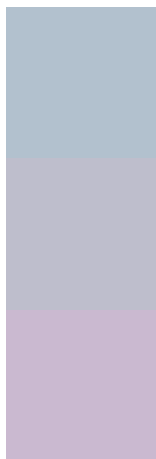
This preview shows how white text looks on a background with the YIQ color 189.9970, -13.1130,

0.8630.

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

189.9970, -13.1130, 0.8630

Protanopia

191.5960, -4.4940, 4.3540

Deuteranopia

192.7050, 2.7490, 10.7570



Tritanopia

190.2250, -13.7550, 1.4850

Trichromacy



Original Color

189.9970, -13.1130, 0.8630

Protanomaly

191.1010, -7.4740, 3.2940

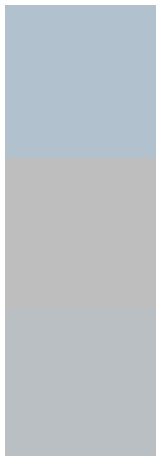
Deuteranomaly

191.6610, -3.1190, 6.9690

Tritanomaly

190.1110, -13.4340, 1.1740

Monochromacy



Original Color

189.9970, -13.1130, 0.8630

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.0750, -4.5850, 0.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.9970, -13.1130, 0.8630 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(178, 193, 206)` looks like.

```
.text, #text, p{  
    color:rgb(178, 193, 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(178, 193, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 193, 206) }
```

Border

The CSS property to change the border of an element to YIQ 189.9970, -13.1130, 0.8630 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(178, 193, 206) }
```


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

```
.border{ border-color:rgb(178, 193, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 193, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 193, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 193, 206);  
box-shadow:4px 4px 4px 4px rgb(178, 193,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 189.9970, -13.1130, 0.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 193, 206) }
```

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

```
.background{ background-color: rgb(178,  
193, 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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