

Converting Colors

YIQ(188.8400, -11.2330,
-0.1690)

Have a look what the booklet for
YIQ(188.8400, -11.2330, -0.1690)
contains.

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Color

**YIQ(188.8400, -11.2330,
-0.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C0C9
RGB	178, 192, 201
RGB Percent	70%, 75%, 79%
CMY	0.3020, 0.2470, 0.2118
CMYK	0.11, 0.04, 0.00, 0.21
HSL	203°, 18%, 74%
HSV	203°, 11%, 79%
XYZ	47.7505, 51.3824, 62.6513
YIQ	188.8400, -11.2330, -0.1690

Conversions

Conversions Part 2

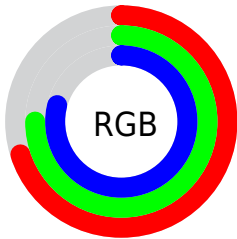
Format	Color
R_{YB}	178, 187, 201
Decimal	11714761
CIE _{Lab}	76.91, -2.99, -6.16
CIE _{LCh}	77, 6.848, 244.079
Yxy	51.3824, 0.2951, 0.3176
Android (android.graphics.Color)	4289904841 (0xFFB2C0C9)
YUV	188.8400, 5.9949, -9.5067
Hunter-Lab	71.6815, -6.5354, -1.6437

Details

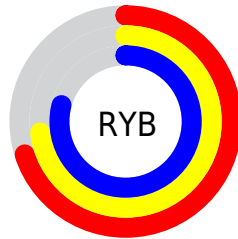
The YIQ color $188.8400, -11.2330, -0.1690$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $190.1600, 11.2330, 0.1690$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.6120, -10.5910, -0.7910$, and $135.7260, -10.9120, -0.4800$ is the 20% darker color. If you saturate the color by 10%, you get $178.1640, -20.9530, -0.2250$, and if you desaturate by 10%, it is $199.5160, -1.5130, -0.1130$.

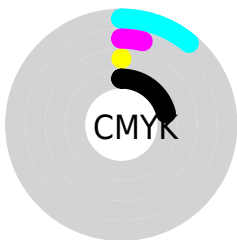
Distribution



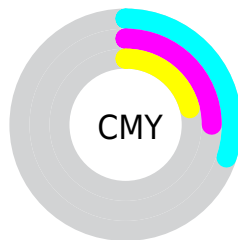
- Red (70%)
- Green (75%)
- Blue (79%)



- Red (70%)
- Yellow (73%)
- Blue (79%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (30%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8400, -11.2330, -0.1690 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 188.8400, -11.2330, -0.1690 by changing the saturation by 10% instead.

■ 188.8400,
-11.2330, -0.1690

■ 188.8400,
-11.2330, -0.1690

255.0000, -0.0000,
-0.0000

■ 161.8400,
-11.2330, -0.1690

■ 244.6120,
-10.5910, -0.7910

■ 135.7260,
-10.9120, -0.4800

■ 110.0250,
-10.3160, -0.2680

■ 86.0250, -10.3160,
-0.2680

■ 62.3240, -9.7200,
-0.0560

■ 40.2100, -9.3990,
-0.3670

■ 19.7970, -9.6740,

-0.8900

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 188.8400,
-11.2330, -0.1690

■ 188.8400,
-11.2330, -0.1690

■ 178.1640,
-20.9530, -0.2250

■ 199.5160, -1.5130,
-0.1130

■ 167.4880,
-30.6730, -0.2810

■ 210.1920, 8.2070,
-0.0570

■ 156.8120,
-40.3930, -0.3370

■ 220.8680, 17.9270,
-0.0010

■ 146.7230,
-50.3880, -0.9160

■ 230.0600, 26.1340,
-0.0580

■ 136.0470,
-60.1080, -0.9720

■ 234.7560, 23.9340,
-4.2420

■ 125.0720,
-70.4240, -1.2400

■ 239.4520, 21.7340,
-8.4260

■ 114.3960,
-80.1440, -1.2960

■ 244.1480, 19.5340,
-12.6100

■ 103.7200,
-89.8640, -1.3520

■ 248.8440, 17.3340,
-16.7940

■ 95.1150, -98.3460,
-1.8180

Harmonies

Analogous

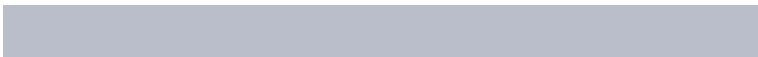
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188.0740, -12.0120, -2.5720



188.8400, -11.2330, -0.1690



189.8730, -6.8320, 2.6720

Triad

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



188.8400, -11.2330, -0.1690



191.4250, 9.1690, 4.5370



189.0230, 1.1930, -5.1030

Complementary

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



188.8400, -11.2330, -0.1690



190.1600, 11.2330, 0.1690

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.



189.7140, 6.5570, -3.1950



188.8400, -11.2330, -0.1690



191.0400, 11.6910, 2.8830

Square

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



188.8400, -11.2330, -0.1690



190.9130, 4.8590, 5.5550



190.5620, 10.0410, -0.2550



188.0870, -4.8590, -5.5550

Rectangle

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



188.8400, -11.2330, -0.1690



190.6670, -3.2560, 3.9440



190.5620, 10.0410, -0.2550



189.2190, 3.5770, -4.2550

Sweetspot

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



188.8400, -11.2330, -0.1690



250.8470, -3.9430, -0.1270



192.5270, -9.2140, -9.2300



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



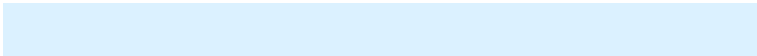
128.0000, -0.0000, -0.0000

Same Dimension

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



188.8400, -11.2330, -0.1690



236.0180, -17.6060, -0.3100



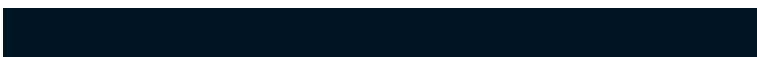
182.3830, -8.2080, 5.5840



94.5480, -4.5390, -0.3390



76.6950, -79.5480, -1.0840



17.0180, -17.6060, -0.3100

Inverse Universe

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



186.4730, 9.2140, 9.2300



232.2720, 14.3940, 14.4740



196.6170, 8.2080, -5.5840



93.3750, 3.4380, 3.7740



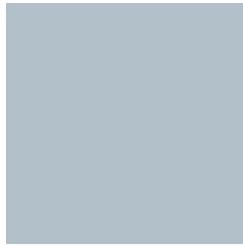
60.0230, 65.3690, 65.3450



13.2720, 14.3940, 14.4740

Previews

White Background



This preview shows how the YIQ color 188.8400, -11.2330, -0.1690 looks on a white background.

Color Contrast Check

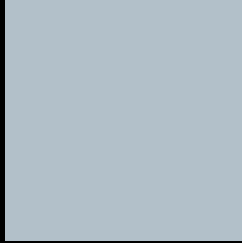
Large Text (above 18pt) WCAG AA × Fail

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 188.8400, -11.2330, -0.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

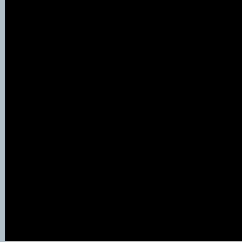
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

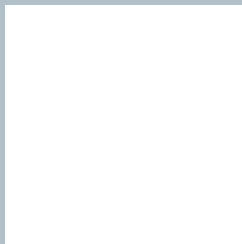
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.8400, -11.2330, -0.1690

Background



This preview shows how black text looks on a background with the YIQ color 188.8400, -11.2330, -0.1690.



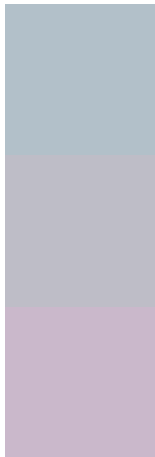
This preview shows how white text looks on a background with the YIQ color 188.8400, -11.2330, -0.1690.

-0.1690.

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

188.8400, -11.2330, -0.1690

Protanopia

190.4390, -2.6140, 3.3220

Deuteranopia

191.5480, 4.6290, 9.7250



Tritanopia

189.1220, -11.9670, 2.1210

Trichromacy



Original Color

188.8400, -11.2330, -0.1690

Protanomaly

189.9440, -5.5940, 2.2620

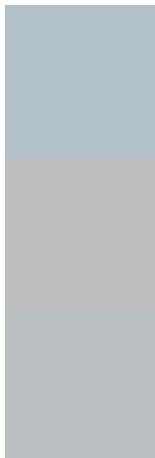
Deuteranomaly

190.5040, -1.2390, 5.9370

Tritanomaly

188.8940, -11.3250, 1.4990

Monochromacy



Original Color

188.8400, -11.2330, -0.1690

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.8470, -3.9430, -0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8400, -11.2330, -0.1690 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, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(178, 192, 201)  
}
```

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, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 192, 201) }
```

Border

The CSS property to change the border of an element to YIQ 188.8400, -11.2330, -0.1690 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, 192, 201) }
```


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

```
.border{ border-color:rgb(178, 192, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 192, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(178, 192,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8400, -11.2330, -0.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 192, 201) }
```

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

```
.background{ background-color: rgb(178,  
192, 201) }
```

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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