

Converting Colors

YIQ(213.8400, -11.2330,
-0.1690)

Have a look what the booklet for
YIQ(213.8400, -11.2330, -0.1690)
contains.

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Color

**YIQ(213.8400, -11.2330,
-0.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD9E2
RGB	203, 217, 226
RGB Percent	80%, 85%, 89%
CMY	0.2039, 0.1490, 0.1138
CMYK	0.10, 0.04, 0.00, 0.11
HSL	203°, 28%, 84%
HSV	203°, 10%, 89%
XYZ	63.1667, 67.8145, 81.7023
YIQ	213.8400, -11.2330, -0.1690

Conversions

Conversions Part 2

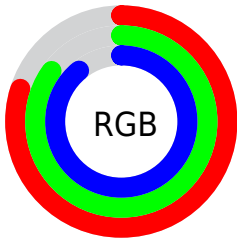
Format	Color
R _Y B	203, 212, 226
Decimal	13359586
CIE Lab	85.91, -2.95, -6.03
CIE LCh	86, 6.711, 243.942
Yxy	67.8145, 0.2970, 0.3189
Android (android.graphics.Color)	4291549666 (0xFFCBD9E2)
YUV	213.8400, 5.9949, -9.5067
Hunter-Lab	82.3496, -7.1923, -1.1793

Details

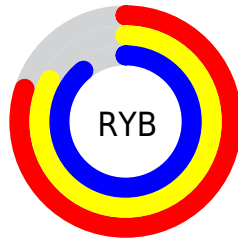
The YIQ color $213.8400, -11.2330, -0.1690$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $215.1600, 11.2330, 0.1690$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.1390, -10.6370, 0.0430$ is the 20% darker color. If you saturate the color by 10%, you get $201.6800, -22.4660, -0.3380$, and if you desaturate by 10%, it is $226.0000, -0.0000, 0.0000$.

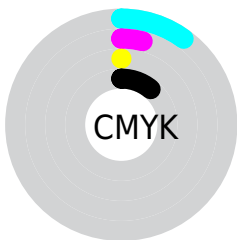
Distribution



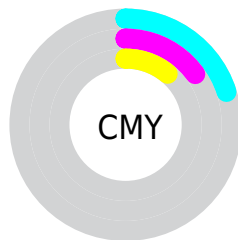
- Red (80%)
- Green (85%)
- Blue (89%)



- Red (80%)
- Yellow (83%)
- Blue (89%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.8400, -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 213.8400, -11.2330, -0.1690 by changing the saturation by 10% instead.

■ 213.8400,
-11.2330, -0.1690

■ 213.8400,
-11.2330, -0.1690

255.0000, -0.0000,
-0.0000

■ 186.1390,
-10.6370, 0.0430

■ 159.1390,
-10.6370, 0.0430

■ 133.0250,
-10.3160, -0.2680

■ 108.0250,
-10.3160, -0.2680

■ 83.3240, -9.7200,
-0.0560

■ 60.2100, -9.3990,
-0.3670

■ 38.5090, -8.8030,

-0.1550

■ 17.4980, -10.2700,
-1.1020

■ 0.0000, 0.0000,
0.0000

■ 213.8400,
-11.2330, -0.1690

■ 213.8400,
-11.2330, -0.1690

■ 201.6800,
-22.4660, -0.3380

■ 226.0000, -0.0000,
0.0000

■ 189.8190,
-33.1030, -0.2950

■ 237.8610, 10.6370,
-0.0430

■ 178.2460,
-44.6110, -0.9870

■ 244.6500, 12.6090,
-2.7430

■ 166.3850,
-55.2480, -0.9440

■ 249.9330, 10.1340,
-7.4500

■ 154.2250,
-66.4810, -1.1130

■ 251.6940, 9.3090,
-9.0190

■ 142.0650,
-77.7140, -1.2820

■ 130.2040,
-88.3510, -1.2390

■ 118.0440,
-99.5840, -1.4080

■ 106.7700,
-110.4960, -1.8880

Harmonies

Analogous

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



213.0740, -12.0120, -2.5720



213.8400, -11.2330, -0.1690



214.5740, -7.4280, 2.4600

Triad

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



213.8400, -11.2330, -0.1690



216.4250, 9.1690, 4.5370



214.0230, 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.



213.8400, -11.2330, -0.1690



215.1600, 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.



215.0130, 7.1530, -2.9830



213.8400, -11.2330, -0.1690



216.0400, 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.



213.8400, -11.2330, -0.1690



216.0270, 4.5380, 5.8660



215.8610, 10.6370, -0.0430



213.0870, -4.8590, -5.5550

Rectangle

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



213.8400, -11.2330, -0.1690



215.6670, -3.2560, 3.9440



215.8610, 10.6370, -0.0430



214.2190, 3.5770, -4.2550

Sweetspot

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



213.8400, -11.2330, -0.1690



250.8470, -3.9430, -0.1270



217.5270, -9.2140, -9.2300



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



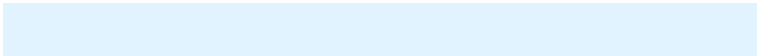
128.0000, -0.0000, -0.0000

Same Dimension

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



213.8400, -11.2330, -0.1690



238.6870, -15.1760, -0.2960



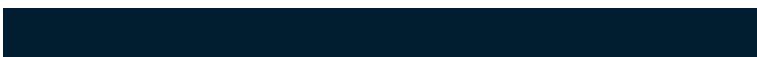
207.3830, -8.2080, 5.5840



106.3630, -5.4560, -0.2400



82.8730, -85.9210, -1.2250



23.0820, -23.6580, -0.7620

Inverse Universe

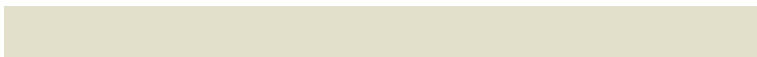
The Inverse Universe completely reimagines the original color for something new.



211.4730, 9.2140, 9.2300



235.4350, 12.3770, 12.4810



221.6170, 8.2080, -5.5840



105.0870, 4.3090, 4.5090



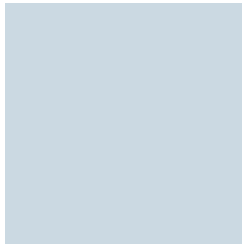
64.8220, 70.5490, 70.5890



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 213.8400, -11.2330, -0.1690 looks on a white background.

Color Contrast Check

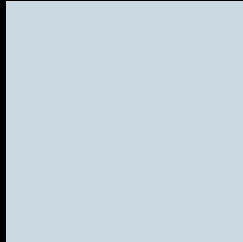
Large Text (above 18pt) WCAG AA × Fail

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 213.8400, -11.2330, -0.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

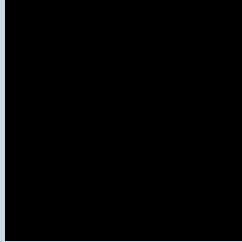
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

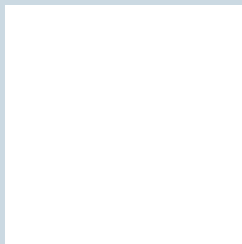
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.8400, -11.2330, -0.1690

Background



This preview shows how black text looks on a background with the YIQ color 213.8400, -11.2330, -0.1690.



This preview shows how white text looks on a background with the YIQ color 213.8400, -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

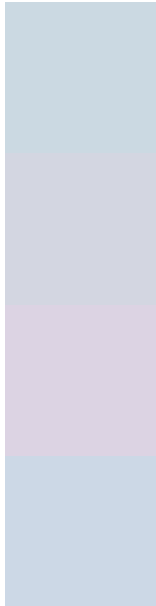




Tritanopia

214.3500, -12.6090, 2.7430

Trichromacy



Original Color

213.8400, -11.2330, -0.1690

Protanomaly

214.3570, -5.3190, 2.7850

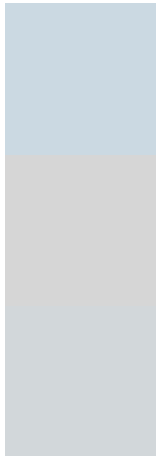
Deuteranomaly

215.5150, 0.2280, 6.8840

Tritanomaly

214.0080, -11.6460, 1.8100

Monochromacy



Original Color

213.8400, -11.2330, -0.1690

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.8470, -3.9430, -0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.8400, -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(203, 217, 226)` looks like.

```
.text, #text, p{  
    color:rgb(203, 217, 226)  
}
```

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(203, 217, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 217, 226) }
```

Border

The CSS property to change the border of an element to YIQ 213.8400, -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(203, 217, 226) }
```


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

```
.border{ border-color:rgb(203, 217, 226) }
```

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

Here you see how a box with a 4 pixel rgb(203, 217, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 217, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 217, 226);  
box-shadow:4px 4px 4px 4px rgb(203, 217,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 213.8400, -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(203, 217, 226) }
```

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

```
.background{ background-color: rgb(203,  
217, 226) }
```

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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