

Converting Colors

YIQ(192.3310, -2.4300, -0.0140)

Have a look what the booklet for
YIQ(192.3310, -2.4300, -0.0140)
contains.

YIQ(192.3310, -2.4300, -0.0140)	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(192.3310, -2.4300,
-0.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC1C3
RGB	190, 193, 195
RGB Percent	75%, 76%, 76%
CMY	0.2549, 0.2431, 0.2353
CMYK	0.03, 0.01, 0.00, 0.24
HSL	204°, 4%, 75%
HSV	204°, 3%, 76%
XYZ	50.1551, 53.0274, 59.2199
YIQ	192.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

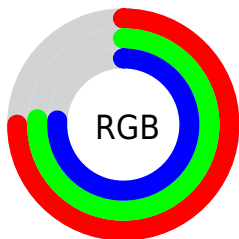
Format	Color
RYB	190, 192, 195
Decimal	12501443
CIELab	77.89, -0.66, -1.37
CIELCh	78, 1.523, 244.357
Yxy	53.0274, 0.3088, 0.3265
Android (android.graphics.Color)	4290691523 (0xFFBEC1C3)
YUV	192.3310, 1.3158, -2.0443
Hunter-Lab	72.8199, -4.4922, 2.7571

Details

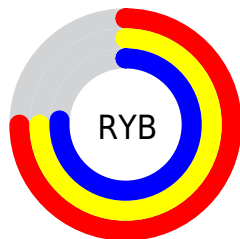
The YIQ color $192.3310, -2.4300, -0.0140$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $192.6690, 2.4300, 0.0140$, and the grayscale version is $192.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4450, -2.7510, 0.2970$, and $139.2170, -2.1090, -0.3250$ is the 20% darker color. If you saturate the color by 10%, you get $181.9540, -11.5540, 0.1420$, and if you desaturate by 10%, it is $202.7080, 6.6940, -0.1700$.

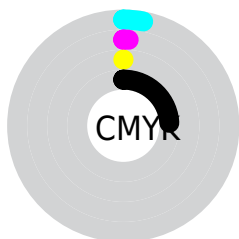
Distribution



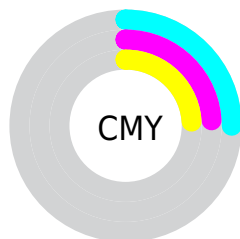
- Red (75%)
- Green (76%)
- Blue (76%)



- Red (75%)
- Yellow (75%)
- Blue (76%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.3310, -2.4300, -0.0140 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 192.3310, -2.4300, -0.0140 by changing the saturation by 10% instead.

■ 192.3310, -2.4300,
-0.0140

■ 192.3310, -2.4300,
-0.0140

■ 255.0000, -0.0000,
-0.0000

■ 165.3310, -2.4300,
-0.0140

■ 248.4450, -2.7510,
0.2970

■ 139.2170, -2.1090,
-0.3250

■ 113.3310, -2.4300,
-0.0140

■ 89.2170, -2.1090,
-0.3250

■ 65.6300, -1.8340,
0.1980

■ 43.6300, -1.8340,
0.1980

■ 23.2170, -2.1090,

-0.3250

■ 0.0000, 0.0000,
0.0000

■ 192.3310, -2.4300,
-0.0140

■ 192.3310, -2.4300,
-0.0140

■ 181.9540,
-11.5540, 0.1420

■ 202.7080, 6.6940,
-0.1700

■ 171.2780,
-21.2740, 0.0860

■ 213.3840, 16.4140,
-0.1140

■ 161.4880,
-30.6730, -0.2810

■ 223.1740, 25.8130,
0.2530

■ 150.8120,
-40.3930, -0.3370

■ 229.9630, 27.7850,
-2.4470

■ 140.4350,
-49.5170, -0.1810

■ 234.6590, 25.5850,
-6.6310

■ 129.7590,
-59.2370, -0.2370

■ 239.3550, 23.3850,
-10.8150

■ 119.9690,
-68.6360, -0.6040

■ 243.4640, 21.4600,
-14.4760

■ 109.2930,
-78.3560, -0.6600

■ 248.1600, 19.2600,
-18.6600

■ 98.9160, -87.4800,
-0.5040

Harmonies

Analogous

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



191.9180, -2.7050, -0.5370



192.3310, -2.4300, -0.0140



192.6300, -1.8340, 0.1980

Triad

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



192.3310, -2.4300, -0.0140



193.1960, 2.3840, 0.8480



192.3590, 0.3670, -1.1450

Complementary

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



192.3310, -2.4300, -0.0140



192.6690, 2.4300, 0.0140

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.



192.3700, 1.8340, -0.1980



192.3310, -2.4300, -0.0140



193.0820, 2.7050, 0.5370

Square

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



192.3310, -2.4300, -0.0140



193.1250, 1.1460, 1.2580



192.6690, 2.4300, 0.0140



191.8750, -1.1460, -1.2580

Rectangle

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



192.3310, -2.4300, -0.0140



192.6410, -0.3670, 1.1450



192.6690, 2.4300, 0.0140



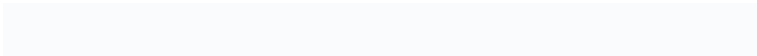
192.3590, 0.3670, -1.1450

Sweetspot

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



192.3310, -2.4300, -0.0140



250.8150, -0.9170, 0.0990



193.1630, -2.0170, -1.9930



126.8150, -0.9170, 0.0990



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.



192.3310, -2.4300, -0.0140



248.1460, -3.3470, 0.0850



191.1570, -1.8800, 1.0320



94.6300, -1.8340, 0.1980



75.2930, -78.3560, -0.6600



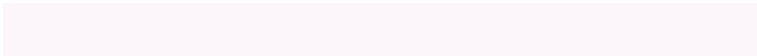
15.5020, -16.0930, -0.1970

Inverse Universe

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



191.8370, 2.0170, 1.9930



247.5490, 2.8880, 2.7280



193.8430, 1.8800, -1.0320



94.4240, 1.7420, 1.4700



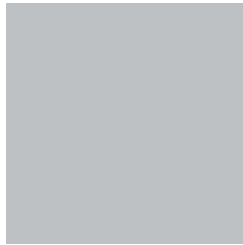
59.1970, 64.8190, 64.2990



12.1470, 13.2480, 13.2160

Previews

White Background



This preview shows how the YIQ color 192.3310, -2.4300, -0.0140 looks on a white background.

Color Contrast Check

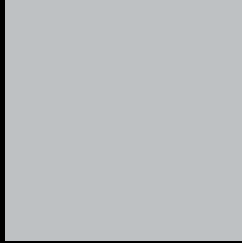
Large Text (above 18pt) WCAG AA × Fail

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 192.3310, -2.4300, -0.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

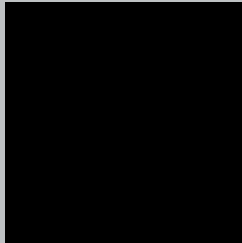
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

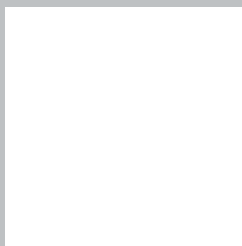
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 192.3310, -2.4300, -0.0140

Background



This preview shows how black text looks on a background with the YIQ color 192.3310, -2.4300, -0.0140.



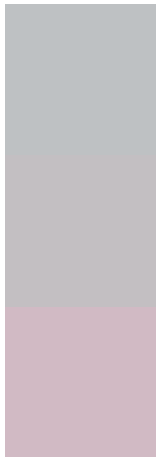
This preview shows how white text looks on a background with the YIQ color 192.3310, -2.4300, -0.0140.

-0.0140.

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

192.3310, -2.4300, -0.0140

Protanopia

192.5380, 1.4210, 1.7810

Deuteranopia

194.0170, 10.4980, 7.9860



Tritanopia

193.0090, -4.2190, 4.8770

Trichromacy



Original Color

192.3310, -2.4300, -0.0140

Protanomaly

192.5270, -0.0460, 0.8340

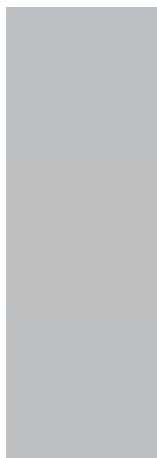
Deuteranomaly

193.6850, 5.5010, 4.9330

Tritanomaly

192.8410, -3.8060, 2.8980

Monochromacy



Original Color

192.3310, -2.4300, -0.0140

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

191.8150, -0.9170, 0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.3310, -2.4300, -0.0140 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(190, 193, 195)` looks like.

```
.text, #text, p{  
    color:rgb(190, 193, 195)  
}
```

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(190, 193, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 193, 195) }
```

Border

The CSS property to change the border of an element to YIQ 192.3310, -2.4300, -0.0140 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(190, 193, 195) }
```


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

```
.border{ border-color:rgb(190, 193, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 193, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 193, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 193, 195);  
box-shadow:4px 4px 4px 4px rgb(190, 193,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 192.3310, -2.4300, -0.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 193, 195) }
```

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

```
.background{ background-color: rgb(190,  
193, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor