

Converting Colors

YIQ(201.4340, -4.2180, -0.6500)

Have a look what the booklet for
YIQ(201.4340, -4.2180, -0.6500)
contains.

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Color

**YIQ(201.4340, -4.2180,
-0.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CBCD
RGB	197, 203, 205
RGB Percent	77%, 80%, 80%
CMY	0.2275, 0.2039, 0.1961
CMYK	0.04, 0.01, 0.00, 0.20
HSL	195°, 7%, 79%
HSV	195°, 4%, 80%
XYZ	55.4005, 58.9905, 66.2210
YIQ	201.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

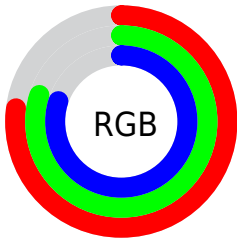
Format	Color
RYB	197, 200, 205
Decimal	12962765
CIELab	81.29, -1.67, -1.72
CIELCh	81, 2.396, 225.720
Yxy	58.9905, 0.3067, 0.3266
Android (android.graphics.Color)	4291152845 (0xFFC5CBCD)
YUV	201.4340, 1.7580, -3.8886
Hunter-Lab	76.8053, -5.6552, 2.6442

Details

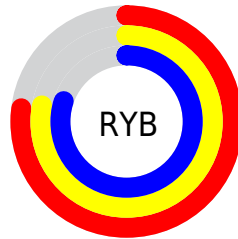
The YIQ color $201.4340, -4.2180, -0.6500$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $200.5660, 4.2180, 0.6500$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, -0.5960, -0.2120$, and $147.4340, -4.2180, -0.6500$ is the 20% darker color. If you saturate the color by 10%, you get $192.2200, -15.3590, -2.4870$, and if you desaturate by 10%, it is $210.3490, 6.3270, 0.9750$.

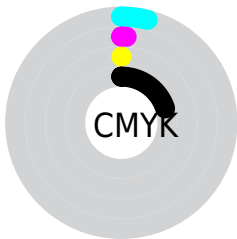
Distribution



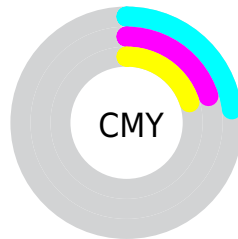
- Red (77%)
- Green (80%)
- Blue (80%)



- Red (77%)
- Yellow (78%)
- Blue (80%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.4340, -4.2180, -0.6500 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 201.4340, -4.2180, -0.6500 by changing the saturation by 10% instead.

■ 201.4340, -4.2180,
-0.6500

■ 201.4340, -4.2180,
-0.6500

255.0000, -0.0000,
-0.0000

■ 174.4340, -4.2180,
-0.6500

254.7010, -0.5960,
-0.2120

■ 147.4340, -4.2180,
-0.6500

■ 121.7330, -3.6220,
-0.4380

■ 96.7330, -3.6220,
-0.4380

■ 73.3200, -3.8970,
-0.9610

■ 50.7330, -3.6220,
-0.4380

■ 29.6190, -3.3010,

-0.7490

■ 4.5480, -4.5390,
-0.3390

■ 0.0000, 0.0000,
0.0000

■ 201.4340, -4.2180,
-0.6500

■ 201.4340, -4.2180,
-0.6500

■ 192.2200,
-15.3590, -2.4870

■ 210.3490, 6.3270,
0.9750

■ 183.3050,
-25.9040, -4.1120

■ 219.5630, 17.4680,
2.8120

■ 174.0910,
-37.0450, -5.9490

■ 227.5810, 26.2250,
3.8010

■ 165.1760,
-47.5900, -7.5740

■ 230.5160, 24.8500,
1.1860

■ 155.9620,
-58.7310, -9.4110

■ 234.0380, 23.2000,
-1.9520

■ 146.4600,
-69.0010, -10.5130

■ 236.9730, 21.8250,
-4.5670

■ 137.5450,
-79.5460, -12.1380

■ 239.9080, 20.4500,
-7.1820

■ 128.3310,
-90.6870, -13.9750

■ 242.8430, 19.0750,
-9.7970

■ 119.4160,
-101.2320, -15.6000

■ 245.7780, 17.7000,
-12.4120

Harmonies

Analogous

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



201.2060, -3.5760, -1.2720



201.4340, -4.2180, -0.6500



201.5590, -3.0720, 0.6080

Triad

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



201.4340, -4.2180, -0.6500



202.7230, 2.3380, 1.6820



201.8430, 1.8800, -1.0320

Complementary

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



201.4340, -4.2180, -0.6500



200.5660, 4.2180, 0.6500

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.



201.8540, 3.3470, -0.0850



201.4340, -4.2180, -0.6500



202.2070, 3.8510, 1.7950

Square

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



201.4340, -4.2180, -0.6500



202.3530, 0.5040, 1.8800



202.5660, 4.2180, 0.6500



201.6470, -0.5040, -1.8800

Rectangle

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



201.4340, -4.2180, -0.6500



201.8580, -2.4760, 0.8200



202.5660, 4.2180, 0.6500



201.7290, 2.2010, -1.3430

Sweetspot

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



201.4340, -4.2180, -0.6500



253.5160, -1.5130, -0.1130



201.9240, -2.8420, -3.5620



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.



201.4340, -4.2180, -0.6500



249.3520, -6.9230, -1.1870



199.0860, -3.1180, 1.4420



99.0320, -3.0260, -0.2260



92.2990, -87.6610, -13.7490



21.3550, -20.1730, -3.3490

Inverse Universe

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



200.0760, 2.8420, 3.5620



247.0270, 4.5380, 5.8660



202.9140, 3.1180, -1.4420



98.2500, 2.2920, 2.5160



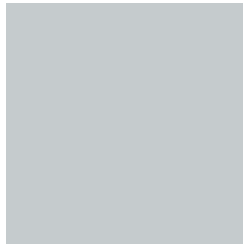
63.8840, 58.8110, 74.0670



14.6680, 13.3390, 17.0750

Previews

White Background



This preview shows how the YIQ color 201.4340, -4.2180, -0.6500 looks on a white background.

Color Contrast Check

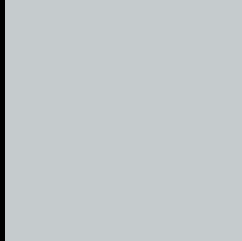
Large Text (above 18pt) WCAG AA × Fail

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 201.4340, -4.2180, -0.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

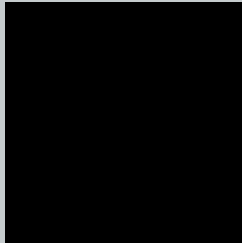
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

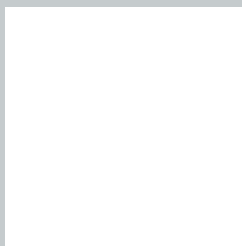
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 201.4340, -4.2180, -0.6500

Background



This preview shows how black text looks on a background with the YIQ color 201.4340, -4.2180, -0.6500.



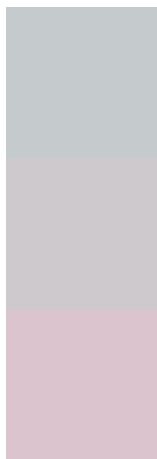
This preview shows how white text looks on a background with the YIQ color 201.4340, -4.2180, -0.6500.

-0.6500.

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

201.4340, -4.2180, -0.6500

Protanopia

202.5380, 1.4210, 1.7810

Deuteranopia

204.0170, 10.4980, 7.9860



Tritanopia

202.2260, -6.3280, 4.5520

Trichromacy



Original Color

201.4340, -4.2180, -0.6500

Protanomaly

202.2280, -0.6420, 0.6220

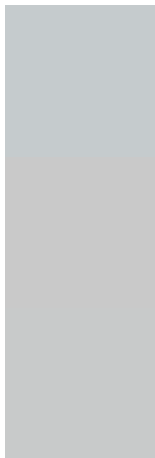
Deuteranomaly

203.3860, 4.9050, 4.7210

Tritanomaly

202.0580, -5.9150, 2.5730

Monochromacy



Original Color

201.4340, -4.2180, -0.6500

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.4020, -1.1920, -0.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.4340, -4.2180, -0.6500 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(197, 203, 205)` looks like.

```
.text, #text, p{  
    color:rgb(197, 203, 205)  
}
```

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(197, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 203, 205) }
```

Border

The CSS property to change the border of an element to YIQ 201.4340, -4.2180, -0.6500 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(197, 203, 205) }
```


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

```
.border{ border-color:rgb(197, 203, 205) }
```

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

Here you see how a box with a 4 pixel rgb(197, 203, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(197, 203,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 201.4340, -4.2180, -0.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 203, 205) }
```

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

```
.background{ background-color: rgb(197,  
203, 205) }
```

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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