

# Converting Colors

YIQ(185.4200, -18.7980,  
-0.7340)

Have a look what the booklet for  
YIQ(185.4200, -18.7980, -0.7340)  
contains.

<b>YIQ(185.4200, -18.7980, -0.7340)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(185.4200, -18.7980,  
-0.7340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7BFCD
RGB	167, 191, 205
RGB Percent	65%, 75%, 80%
CMY	0.3451, 0.2509, 0.1962
CMYK	0.19, 0.07, 0.00, 0.20
HSL	202°, 28%, 73%
HSV	202°, 19%, 80%
XYZ	45.5836, 49.8869, 64.9704
YIQ	185.4200, -18.7980, -0.7340

# Conversions

## Conversions Part 2

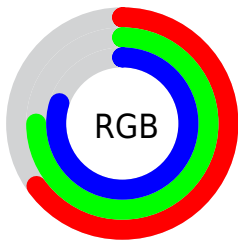
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 182, 205
Decimal	10993613
CIELab	76.00, -5.18, -9.76
CIELCh	76, 11.044, 242.055
Yxy	49.8869, 0.2841, 0.3109
Android (android.graphics.Color)	4289183693 (0xFFA7BFCD)
YUV	185.4200, 9.6529, -16.1543
Hunter-Lab	70.6307, -8.4034, -5.0971

# Details

The YIQ color  $185.4200, -18.7980, -0.7340$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $186.5800, 18.7980, 0.7340$ , and the grayscale version is  $185.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $240.4370, -17.4680, -2.8120$ , and  $132.3060, -18.4770, -1.0450$  is the 20% darker color. If you saturate the color by 10%, you get  $174.4450, -29.1140, -1.0020$ , and if you desaturate by 10%, it is  $196.0960, -9.0780, -0.6780$ .

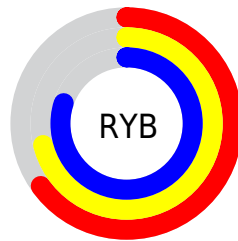
# Distribution



Red (65%)

Green (75%)

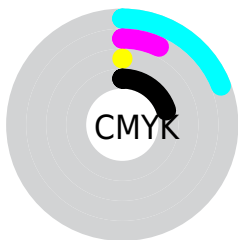
Blue (80%)



Red (65%)

Yellow (71%)

Blue (80%)

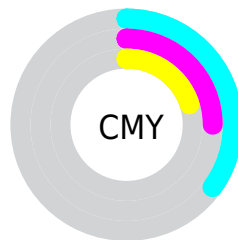


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (25%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 185.4200, -18.7980, -0.7340 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 185.4200, -18.7980, -0.7340 by changing the saturation by 10% instead.



■ 185.4200,  
-18.7980, -0.7340

■ 185.4200,  
-18.7980, -0.7340

■ 255.0000, -0.0000,  
-0.0000

■ 158.4200,  
-18.7980, -0.7340

■ 240.4370,  
-17.4680, -2.8120

■ 132.3060,  
-18.4770, -1.0450

■ 253.8040, -2.3840,  
-0.8480

■ 106.6050,  
-17.8810, -0.8330

■ 82.4910, -17.5600,  
-1.1440

■ 59.3770, -17.2390,  
-1.4550

■ 37.2630, -16.9180,  
-1.7660

■ 16.5620, -16.3220,

-1.5540

■ 0.7980, -2.2470,  
2.1770

■ 0.0000, 0.0000,  
0.0000

■ 185.4200,  
-18.7980, -0.7340

■ 185.4200,  
-18.7980, -0.7340

■ 174.4450,  
-29.1140, -1.0020

■ 196.0960, -9.0780,  
-0.6780

■ 164.3560,  
-39.1090, -1.5810

■ 206.4840, 1.5130,  
0.1130

■ 153.3810,  
-49.4250, -1.8490

■ 217.1600, 11.2330,  
0.1690

■ 143.2920,  
-59.4200, -2.4280

■ 227.5480, 21.8240,  
0.9600

■ 132.6160,  
-69.1400, -2.4840

■ 234.0380, 23.2000,  
-1.9520

■ 122.2280,  
-79.7310, -3.2750

■ 238.1470, 21.2750,  
-5.6130

■ 111.5520,  
-89.4510, -3.3310

■ 242.8430, 19.0750,  
-9.7970

■ 101.1640,  
-100.0420, -4.1220

■ 246.9520, 17.1500,  
-13.4580

■ 99.6800,  
-101.5550, -4.2350

■ 249.3000, 16.0500,  
-15.5500

# Harmonies

## Analogous

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



184.3010, -20.0810, -5.0170



185.4200, -18.7980, -0.7340



187.1760, -12.0590, 3.7890

# Triad

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



185.4200, -18.7980, -0.7340



189.7570, 14.1660, 7.5900



185.9260, 2.8440, -7.4920

# Complementary

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



185.4200, -18.7980, -0.7340



186.5800, 18.7980, 0.7340

# 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.



187.1120, 11.1880, -4.5240



185.4200, -18.7980, -0.7340



188.9160, 17.9720, 4.6920

# Square

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



185.4200, -18.7980, -0.7340



189.6900, 7.1050, 8.9050



188.3840, 16.4140, -0.1140



184.4240, -7.4260, -8.5940



# Rectangle

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



185.4200, -18.7980, -0.7340



188.2800, -6.4200, 6.2200



188.3840, 16.4140, -0.1140



186.3070, 6.1450, -6.7430

# Sweetspot

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



185.4200, -18.7980, -0.7340



246.9930, -7.2900, -0.0420



190.9020, -14.9440, -15.5200



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

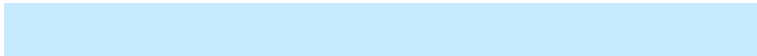


# Same Dimension

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



185.4200, -18.7980, -0.7340



225.9290, -27.6010, -0.8890



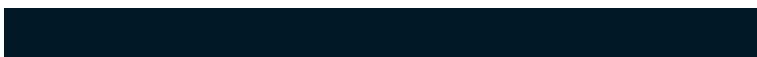
174.2670, -13.5730, 9.2030



96.6620, -4.8600, -0.0280



80.5590, -82.1610, -3.2890



18.4200, -18.7980, -0.7340



# Inverse Universe

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



181.0980, 14.9440, 15.5200



219.7340, 22.1410, 22.7570



197.7330, 13.5730, -9.2030



95.6740, 4.0340, 3.9860



61.6040, 65.2310, 67.8470

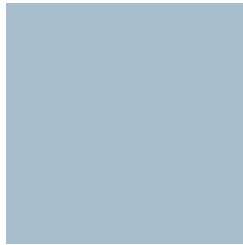


14.0980, 14.9440, 15.5200



# Previews

## White Background



This preview shows how the YIQ color 185.4200, -18.7980, -0.7340 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

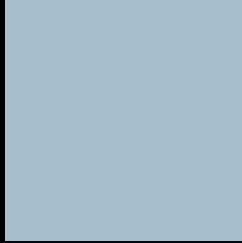
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 185.4200, -18.7980, -0.7340 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

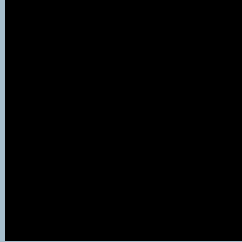
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

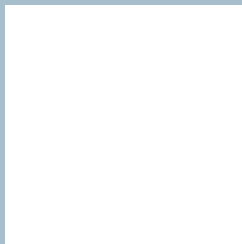
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 185.4200, -18.7980, -0.7340

## Background



This preview shows how black text looks on a background with the YIQ color 185.4200, -18.7980, -0.7340.



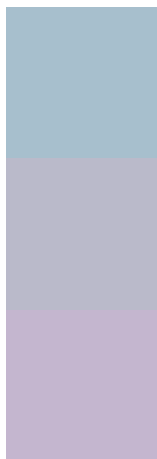
This preview shows how white text looks on a background with the YIQ color 185.4200, -18.7980, -0.7340.

-0.7340.

# 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

185.4200, -18.7980, -0.7340

### Protanopia

187.8240, -5.1360, 4.9760

### Deuteranopia

189.0360, 0.3190, 10.7430



## Tritanopia

185.5340, -19.1190, -0.4230

# Trichromacy



## Original Color

185.4200, -18.7980, -0.7340

## Protanomaly

187.0190, -10.1790, 2.7570

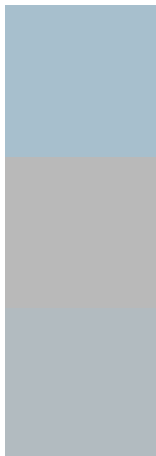
## Deuteranomaly

187.3940, -6.7410, 6.5310

## Tritanomaly

185.5340, -19.1190, -0.4230

# Monochromacy



## Original Color

185.4200, -18.7980, -0.7340

## Achromatopsia

185.0000, -0.0000, -0.0000

## Achromatomaly

184.8790, -6.9690, -0.3530

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 185.4200, -18.7980, -0.7340 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(167, 191, 205)` looks like.

```
.text, #text, p{  
    color:rgb(167, 191, 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(167, 191, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 191, 205) }
```

## Border

The CSS property to change the border of an element to YIQ 185.4200, -18.7980, -0.7340 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(167, 191, 205) }
```



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

```
.border{ border-color:rgb(167, 191, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 191, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 191, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 191, 205);  
box-shadow:4px 4px 4px 4px rgb(167, 191,  
205) }
```

# Background

The CSS property to change the background color of an element to YIQ 185.4200, -18.7980, -0.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 191, 205) }
```

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

```
.background{ background-color: rgb(167,  
191, 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](#).

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