

Converting Colors

YIQ(198.5840, -13.3880, 0.3400)

Have a look what the booklet for
YIQ(198.5840, -13.3880, 0.3400)
contains.

YIQ(198.5840, -13.3880, 0.3400)	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(198.5840, -13.3880,
0.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	BACAD6
RGB	186, 202, 214
RGB Percent	73%, 79%, 84%
CMY	0.2706, 0.2078, 0.1608
CMYK	0.13, 0.06, 0.00, 0.16
HSL	206°, 25%, 78%
HSV	206°, 13%, 84%
XYZ	53.5055, 57.5366, 71.8933
YIQ	198.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

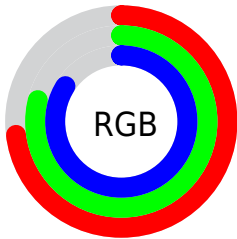
Format	Color
R _Y B	186, 196, 214
Decimal	12241622
CIE Lab	80.48, -3.02, -7.81
CIE LCh	80, 8.373, 248.885
Yxy	57.5366, 0.2925, 0.3145
Android (android.graphics.Color)	4290431702 (0xFFBACAD6)
YUV	198.5840, 7.6001, -11.0362
Hunter-Lab	75.8529, -6.8313, -3.0980

Details

The YIQ color $198.5840, -13.3880, 0.3400$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $201.4160, 13.3880, -0.3400$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, -7.7480, -2.7560$, and $144.7690, -12.4710, 0.2410$ is the 20% darker color. If you saturate the color by 10%, you get $187.0220, -23.4290, 0.5950$, and if you desaturate by 10%, it is $210.1460, -3.3470, 0.0850$.

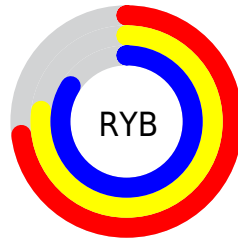
Distribution



Red (73%)

Green (79%)

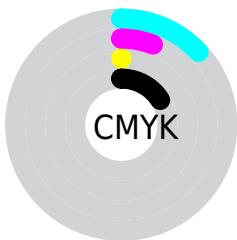
Blue (84%)



Red (73%)

Yellow (77%)

Blue (84%)

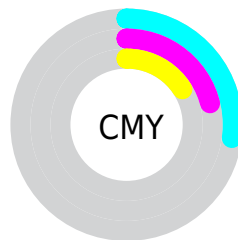


Cyan (13%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.5840, -13.3880, 0.3400 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 198.5840, -13.3880, 0.3400 by changing the saturation by 10% instead.

■ 198.5840,
-13.3880, 0.3400

■ 198.5840,
-13.3880, 0.3400

■ 255.0000, -0.0000,
-0.0000

■ 171.4700,
-13.0670, 0.0290

■ 251.1130, -7.7480,
-2.7560

■ 144.7690,
-12.4710, 0.2410

■ 118.7690,
-12.4710, 0.2410

■ 94.0680, -11.8750,
0.4530

■ 70.6550, -12.1500,
-0.0700

■ 47.9540, -11.5540,
0.1420

■ 26.8400, -11.2330,

-0.1690

■ 4.4000, -6.8780,
3.5060

■ 0.0000, 0.0000,
0.0000

■ 198.5840,
-13.3880, 0.3400

■ 198.5840,
-13.3880, 0.3400

■ 187.0220,
-23.4290, 0.5950

■ 210.1460, -3.3470,
0.0850

■ 175.1610,
-34.0660, 0.6380

■ 222.0070, 7.2900,
0.0420

■ 163.5990,
-44.1070, 0.8930

■ 233.5690, 17.3310,
-0.2130

■ 151.1510,
-54.4690, 1.4590

■ 240.9340, 17.5610,
-4.3830

■ 139.5890,
-64.5100, 1.7140

■ 246.2170, 15.0860,
-9.0900

■ 128.0270,
-74.5510, 1.9690

■ 250.3260, 13.1610,
-12.7510

■ 116.1660,
-85.1880, 2.0120

■ 104.6040,
-95.2290, 2.2670

■ 96.0100,
-102.2440, 2.7480

Harmonies

Analogous

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



197.6930, -15.3130, -3.3210



198.5840, -13.3880, 0.3400



200.2150, -7.7950, 3.6050

Triad

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



198.5840, -13.3880, 0.3400



201.3330, 12.4240, 6.1200



198.1970, 0.6430, -6.1490

Complementary

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



198.5840, -13.3880, 0.3400



201.4160, 13.3880, -0.3400

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.



199.3720, 7.5200, -4.1280



198.5840, -13.3880, 0.3400



200.7090, 14.1210, 2.8970

Square

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



198.5840, -13.3880, 0.3400



201.2230, 6.9220, 6.7140



200.1170, 12.7920, -0.5520



197.7770, -6.9220, -6.7140

Rectangle

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



198.5840, -13.3880, 0.3400



200.6070, -3.0270, 5.3010



200.1170, 12.7920, -0.5520



198.9800, 2.7520, -5.8240

Sweetspot

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



198.5840, -13.3880, 0.3400



249.6620, -4.8600, -0.0280



203.8040, -11.5520, -10.9120



124.1460, -3.3470, 0.0850



0.0000, 0.0000, 0.0000



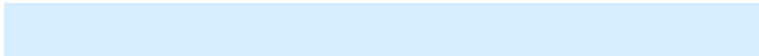
128.0000, -0.0000, -0.0000

Same Dimension

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



198.5840, -13.3880, 0.3400



232.7620, -19.7610, 0.1990



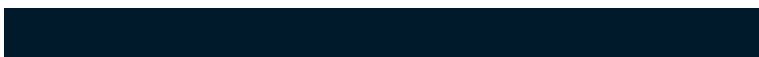
190.3660, -9.5380, 7.6620



101.3630, -5.4560, -0.2400



77.0200, -81.8410, 1.9270



19.5770, -20.6780, 0.2980

Inverse Universe

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



196.1960, 11.5520, 10.9120



228.9950, 16.7320, 16.1560



209.6340, 9.5380, -7.6620



100.0870, 4.3090, 4.5090



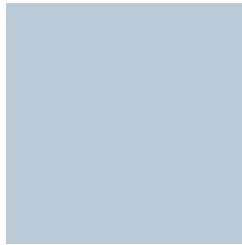
62.3010, 70.4580, 66.7300



15.7070, 17.6030, 16.8910

Previews

White Background



This preview shows how the YIQ color 198.5840, -13.3880, 0.3400 looks on a white background.

Color Contrast Check

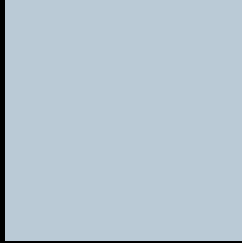
Large Text (above 18pt) WCAG AA × Fail

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 198.5840, -13.3880, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

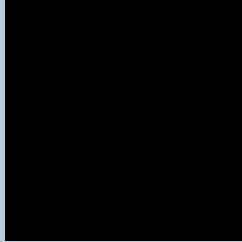
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

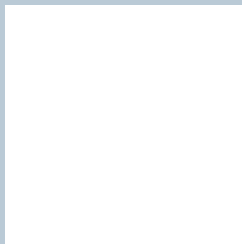
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.5840, -13.3880, 0.3400

Background



This preview shows how black text looks on a background with the YIQ color 198.5840, -13.3880, 0.3400.



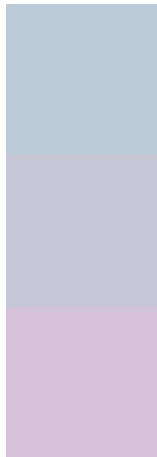
This preview shows how white text looks on a background with the YIQ color 198.5840, -13.3880,

0.3400.

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

198.5840, -13.3880, 0.3400

Protanopia

199.8950, -3.8980, 4.5660

Deuteranopia

201.5910, 3.0700, 10.4460



Tritanopia

198.6380, -13.4800, 2.0080

Trichromacy



Original Color

198.5840, -13.3880, 0.3400

Protanomaly

199.1010, -7.4740, 3.2940

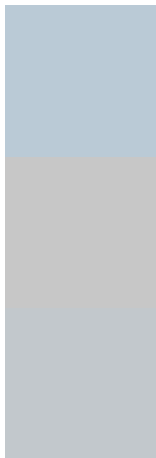
Deuteranomaly

200.5470, -2.7980, 6.6580

Tritanomaly

198.5240, -13.1590, 1.6970

Monochromacy



Original Color

198.5840, -13.3880, 0.3400

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.6620, -4.8600, -0.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.5840, -13.3880, 0.3400 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(186, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 214)  
}
```

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(186, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 214) }
```

Border

The CSS property to change the border of an element to YIQ 198.5840, -13.3880, 0.3400 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(186, 202, 214) }
```


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

```
.border{ border-color:rgb(186, 202, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 202, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 198.5840, -13.3880, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 214) }
```

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

```
.background{ background-color: rgb(186,  
202, 214) }
```

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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