

Converting Colors

YIQ(200.6840, -11.0940,
-8.1980)

Have a look what the booklet for
YIQ(200.6840, -11.0940, -8.1980)
contains.

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Color

**YIQ(200.6840, -11.0940,
-8.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D1C7
RGB	185, 209, 199
RGB Percent	73%, 82%, 78%
CMY	0.2746, 0.1803, 0.2196
CMYK	0.11, 0.00, 0.05, 0.18
HSL	155°, 21%, 77%
HSV	155°, 11%, 82%
XYZ	53.1143, 60.0412, 62.8169
YIQ	200.6840, -11.0940, -8.1980

Conversions

Conversions Part 2

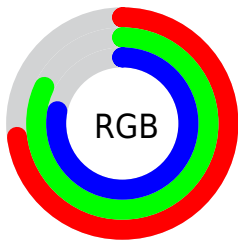
Format	Color
RYB	185, 200, 209
Decimal	12177863
CIELab	81.86, -9.97, 2.23
CIELCh	82, 10.220, 167.398
Yxy	60.0412, 0.3018, 0.3412
Android (android.graphics.Color)	4290367943 (0xFFB9D1C7)
YUV	200.6840, -0.8302, -13.7549
Hunter-Lab	77.4863, -13.2450, 6.1749

Details

The YIQ color $200.6840, -11.0940, -8.1980$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $193.3160, 11.0940, 8.1980$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, -8.3440, -2.9680$, and $146.9830, -10.4980, -7.9860$ is the 20% darker color. If you saturate the color by 10%, you get $193.3790, -20.7210, -15.4490$, and if you desaturate by 10%, it is $207.9890, -1.4670, -0.9470$.

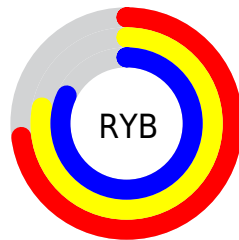
Distribution



Red (73%)

Green (82%)

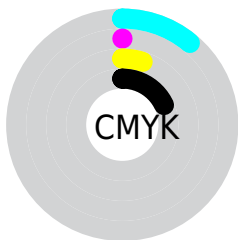
Blue (78%)



Red (73%)

Yellow (78%)

Blue (82%)

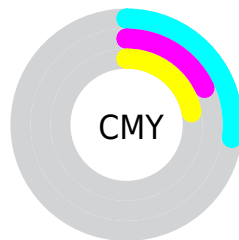


Cyan (11%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (27%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.6840, -11.0940, -8.1980 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 200.6840, -11.0940, -8.1980 by changing the saturation by 10% instead.

■ 200.6840,
-11.0940, -8.1980

■ 200.6840,
-11.0940, -8.1980

255.0000, -0.0000,
-0.0000

■ 173.0970,
-10.8190, -7.6750

■ 250.8140, -8.3440,
-2.9680

■ 146.9830,
-10.4980, -7.9860

■ 121.0970,
-10.8190, -7.6750

■ 95.8090, -9.9480,
-6.9400

■ 72.1080, -9.3520,
-6.7280

■ 49.5210, -9.0770,
-6.2050

■ 28.5210, -9.0770,

-6.2050

■ 7.7450, -3.8960,
-6.4880

■ 0.0000, 0.0000,
0.0000

■ 200.6840,
-11.0940, -8.1980

■ 200.6840,
-11.0940, -8.1980

■ 193.3790,
-20.7210, -15.4490

■ 207.9890, -1.4670,
-0.9470

■ 186.1880,
-30.6690, -22.3890

■ 215.1800, 8.4810,
5.9930

■ 178.8830,
-40.2960, -29.6400

■ 222.4850, 18.1080,
13.2440

■ 171.5780,
-49.9230, -36.8910

■ 225.6040, 19.3910,
17.5270

■ 164.2730,
-59.5500, -44.1420

■ 226.6300, 16.5020,
20.3260

■ 157.3810,
-68.9020, -50.8700

■ 227.5420, 13.9340,
22.8140

■ 150.0760,
-78.5290, -58.1210

■ 227.9980, 12.6500,
24.0580

■ 142.7710,
-88.1560, -65.3720

■ 136.5910,
-96.6370, -71.3650

Harmonies

Analogous

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



201.1750, -2.2910, -8.0430



200.6840, -11.0940, -8.1980



200.3290, -17.2840, -6.1480

Triad

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



200.6840, -11.0940, -8.1980



203.9810, -7.0160, 6.0080



205.1500, 17.1930, 2.2890

Complementary

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



200.6840, -11.0940, -8.1980



193.3160, 11.0940, 8.1980

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.



205.1870, 15.7710, 6.0350



200.6840, -11.0940, -8.1980



204.9390, 1.9700, 8.3540

Square

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



200.6840, -11.0940, -8.1980



202.7410, -15.2680, 1.3720



205.4300, 10.7730, 8.5090



203.6610, 14.0760, -1.7960

Rectangle

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



200.6840, -11.0940, -8.1980



201.0130, -19.2100, -4.2820



205.4300, 10.7730, 8.5090



205.0900, 17.4220, 3.6460

Sweetspot

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



200.6840, -11.0940, -8.1980



252.2660, -3.8050, -2.6290



202.0780, -0.6400, -10.4320



125.8640, -2.6130, -2.2050



0.0000, 0.0000, 0.0000



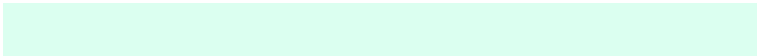
128.0000, -0.0000, -0.0000

Same Dimension

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



200.6840, -11.0940, -8.1980



242.5260, -16.6410, -12.2970



200.6500, -13.7540, -4.0420



101.1410, -4.9510, -3.8870



109.7880, -77.6580, -57.3860



26.8030, -18.9790, -13.9790

Inverse Universe

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



193.3160, 11.0940, 8.1980



231.4740, 16.6410, 12.2970



193.3500, 13.7540, 4.0420



97.7450, 5.2720, 3.5760



58.2120, 77.6580, 57.3860



14.1970, 18.9790, 13.9790

Previews

White Background



This preview shows how the YIQ color 200.6840, -11.0940, -8.1980 looks on a white background.

Color Contrast Check

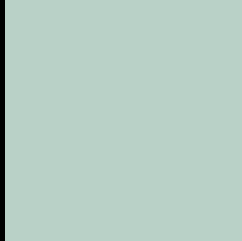
Large Text (above 18pt) WCAG AA × Fail

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 200.6840, -11.0940, -8.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

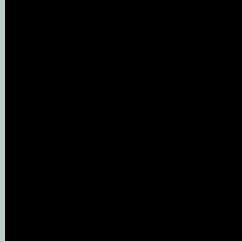
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

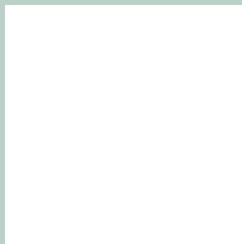
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.6840, -11.0940, -8.1980

Background



This preview shows how black text looks on a background with the YIQ color 200.6840, -11.0940, -8.1980.



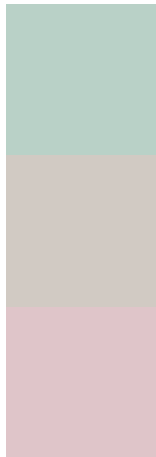
This preview shows how white text looks on a background with the YIQ color 200.6840, -11.0940, -8.1980.

-8.1980.

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

200.6840, -11.0940, -8.1980

Protanopia

203.2950, 6.4190, -0.6930

Deuteranopia

205.2300, 14.2120, 6.7560



Tritanopia

202.7410, -15.2680, 1.3720

Trichromacy



Original Color

200.6840, -11.0940, -8.1980

Protanomaly

202.4790, -0.0910, -3.8590

Deuteranomaly

203.2780, 5.0890, 1.3850

Tritanomaly

202.1170, -13.5710, -1.8510

Monochromacy



Original Color

200.6840, -11.0940, -8.1980

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.8530, -4.0800, -3.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.6840, -11.0940, -8.1980 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(185, 209, 199)` looks like.

```
.text, #text, p{  
    color:rgb(185, 209, 199)  
}
```

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(185, 209, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 209, 199) }
```

Border

The CSS property to change the border of an element to YIQ 200.6840, -11.0940, -8.1980 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(185, 209, 199) }
```


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

```
.border{ border-color:rgb(185, 209, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 209, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 209, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 209, 199);  
box-shadow:4px 4px 4px 4px rgb(185, 209,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 200.6840, -11.0940, -8.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 209, 199) }
```

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

```
.background{ background-color: rgb(185,  
209, 199) }
```

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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