

Converting Colors

YIQ(203.8660, -23.2900,
-7.4340)

Have a look what the booklet for
YIQ(203.8660, -23.2900, -7.4340)
contains.

YIQ(203.8660, -23.2900, -7.4340)	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(203.8660, -23.2900,
-7.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D7D9
RGB	177, 215, 217
RGB Percent	69%, 84%, 85%
CMY	0.3060, 0.1568, 0.1491
CMYK	0.18, 0.01, 0.00, 0.15
HSL	183°, 34%, 77%
HSV	183°, 18%, 85%
XYZ	54.9521, 62.9620, 74.8859
YIQ	203.8660, -23.2900, -7.4340

Conversions

Conversions Part 2

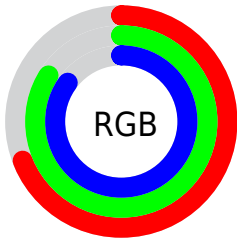
Format	Color
RYB	177, 196, 217
Decimal	11655129
CIELab	83.42, -12.01, -5.12
CIELCh	83, 13.056, 203.099
Yxy	62.9620, 0.2850, 0.3266
Android (android.graphics.Color)	4289845209 (0xFFB1D7D9)
YUV	203.8660, 6.4751, -23.5615
Hunter-Lab	79.3486, -15.2416, -0.4114

Details

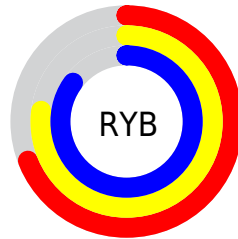
The YIQ color $203.8660, -23.2900, -7.4340$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $190.1340, 23.2900, 7.4340$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.4220, -13.1120, -4.6640$, and $149.4640, -22.0980, -7.0100$ is the 20% darker color. If you saturate the color by 10%, you get $196.7010, -36.1270, -11.5750$, and if you desaturate by 10%, it is $211.0310, -10.4530, -3.2930$.

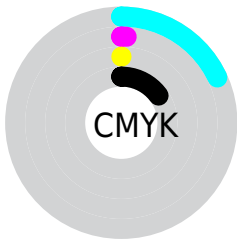
Distribution



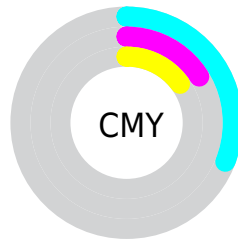
- Red (69%)
- Green (84%)
- Blue (85%)



- Red (69%)
- Yellow (77%)
- Blue (85%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.8660, -23.2900, -7.4340 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 203.8660, -23.2900, -7.4340 by changing the saturation by 10% instead.

■ 203.8660,
-23.2900, -7.4340

■ 203.8660,
-23.2900, -7.4340

■ 255.0000, -0.0000,
-0.0000

■ 176.1650,
-22.6940, -7.2220

■ 248.4220,
-13.1120, -4.6640

■ 149.4640,
-22.0980, -7.0100

■ 123.4640,
-22.0980, -7.0100

■ 98.4640, -22.0980,
-7.0100

■ 73.7630, -21.5020,
-6.7980

■ 50.7630, -21.5020,
-6.7980

■ 27.8660, -23.2900,

-7.4340

■ 14.1340, -12.2410,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 203.8660,
-23.2900, -7.4340

■ 203.8660,
-23.2900, -7.4340

■ 196.7010,
-36.1270, -11.5750

■ 211.0310,
-10.4530, -3.2930

■ 189.8350,
-48.3680, -15.5040

■ 217.8970, 1.7880,
0.6360

■ 182.6700,
-61.2050, -19.6450

■ 225.0620, 14.6250,
4.7770

■ 175.5050,
-74.0420, -23.7860

■ 229.5360, 22.0980,
7.0100

■ 168.3400,
-86.8790, -27.9270

■ 230.1230, 21.8230,
6.4870

■ 161.4740,
-99.1200, -31.8560

■ 230.7100, 21.5480,
5.9640

■ 154.3090,
-111.9570, -35.9970

■ 231.2970, 21.2730,
5.4410

■ 147.1440,
-124.7940, -40.1380

■ 232.4710, 20.7230,
4.3950

■ 145.6600,
-126.3070, -40.2510

■ 233.0580, 20.4480,
3.8720

Harmonies

Analogous

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



203.8790, -16.1370, -10.4170



203.8660, -23.2900, -7.4340



204.7290, -24.1620, -2.6420

Triad

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



203.8660, -23.2900, -7.4340



210.0750, 4.5830, 10.5590



207.9770, 16.0020, -3.6620

Complementary

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



203.8660, -23.2900, -7.4340



190.1340, 23.2900, 7.4340

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.



209.1890, 21.4570, 2.1050



203.8660, -23.2900, -7.4340



210.5230, 14.9450, 9.9930

Square

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



203.8660, -23.2900, -7.4340



209.0350, -7.1080, 7.6760



210.3510, 21.1810, 7.1090



206.5520, 6.8330, -8.1990

Rectangle

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



203.8660, -23.2900, -7.4340



206.1040, -20.7240, 1.1320



210.3510, 21.1810, 7.1090



208.7000, 18.3400, -1.9800

Sweetspot

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



203.8660, -23.2900, -7.4340



249.9280, -8.6650, -2.6570



200.5940, -11.3210, -20.6090



124.7220, -5.0890, -1.3850



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.



203.8660, -23.2900, -7.4340



236.4950, -32.5510, -10.3030



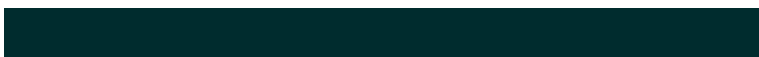
192.7130, -18.0650, 2.5030



106.1240, -6.2810, -1.8090



116.5770, -100.9080, -32.4920



31.0720, -26.8660, -8.7060

Inverse Universe

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



193.2920, 11.6420, 20.2980



221.7860, 16.3630, 28.3550



201.2870, 18.0650, -2.5030



103.4290, 3.3460, 5.4420



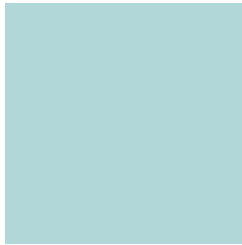
70.5370, 50.1430, 87.9910



18.7700, 13.2920, 23.4360

Previews

White Background



This preview shows how the YIQ color 203.8660, -23.2900, -7.4340 looks on a white background.

Color Contrast Check

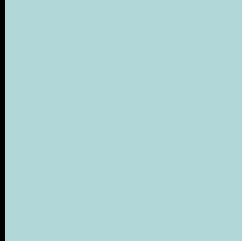
Large Text (above 18pt) WCAG AA × Fail

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 203.8660, -23.2900, -7.4340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

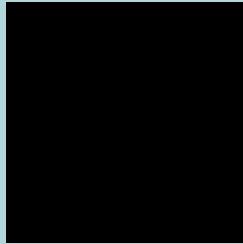
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

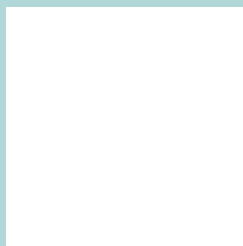
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 203.8660, -23.2900, -7.4340

Background



This preview shows how black text looks on a background with the YIQ color 203.8660, -23.2900, -7.4340.



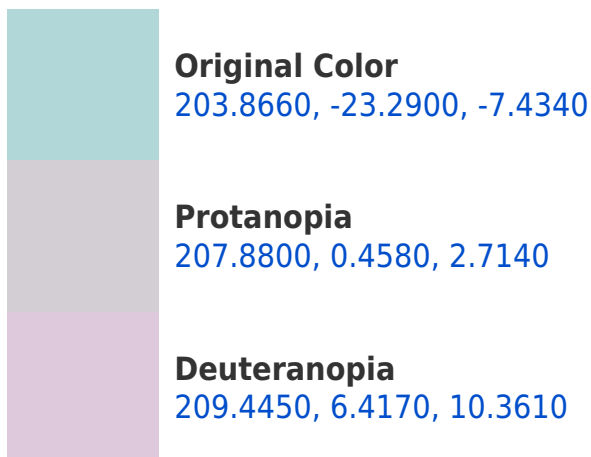
This preview shows how white text looks on a background with the YIQ color 203.8660, -23.2900, -7.4340.

-7.4340.

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

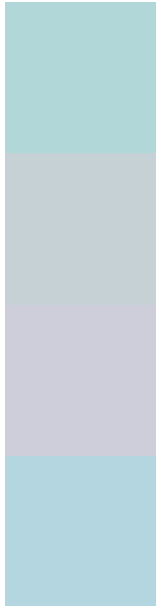




Tritanopia

205.0710, -25.1250, -1.7090

Trichromacy



Original Color

203.8660, -23.2900, -7.4340

Protanomaly

206.2810, -8.1610, -0.7770

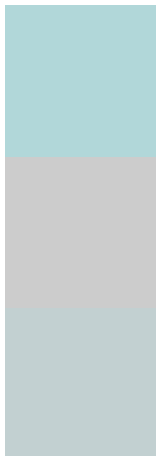
Deuteranomaly

207.4820, -4.1730, 4.0430

Tritanomaly

204.7890, -24.3910, -3.9990

Monochromacy



Original Color

203.8660, -23.2900, -7.4340

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.9280, -8.6650, -2.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.8660, -23.2900, -7.4340 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(177, 215, 217)` looks like.

```
.text, #text, p{  
    color:rgb(177, 215, 217)  
}
```

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(177, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 215, 217) }
```

Border

The CSS property to change the border of an element to YIQ 203.8660, -23.2900, -7.4340 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(177, 215, 217) }
```


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

```
.border{ border-color:rgb(177, 215, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(177, 215,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 203.8660, -23.2900, -7.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 215, 217) }
```

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

```
.background{ background-color: rgb(177,  
215, 217) }
```

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