

Converting Colors

YIQ(203.7510, -30.3960,
-10.8120)

Have a look what the booklet for
YIQ(203.7510, -30.3960, -10.8120)
contains.

| | |
|--|----|
| YIQ(203.7510, -30.3960, -10.8120) | 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(203.7510, -30.3960,
-10.8120)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A8DBDB |
| RGB | 168, 219, 219 |
| RGB Percent | 66%, 86%, 86% |
| CMY | 0.3413, 0.1411, 0.1413 |
| CMYK | 0.23, 0.00, 0.00, 0.14 |
| HSL | 180°, 42%, 76% |
| HSV | 180°, 23%, 86% |
| XYZ | 54.2611, 64.1085, 76.5109 |
| YIQ | 203.7510, -30.3960, -10.8120 |

Conversions

Conversions Part 2

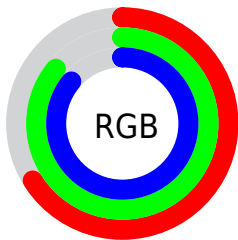
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 168, 194, 219 |
| Decimal | 11066331 |
| CIELab | 84.02, -16.35, -5.36 |
| CIELCh | 84, 17.203, 198.139 |
| Yxy | 64.1085, 0.2784, 0.3290 |
| Android (android.graphics.Color) | 4289256411 (0xFFA8DBDB) |
| YUV | 203.7510, 7.5178, -31.3536 |
| Hunter-Lab | 80.0678, -19.1511, -0.6087 |

Details

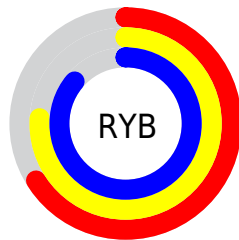
The YIQ color **203.7510, -30.3960, -10.8120** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **183.2490, 30.3960, 10.8120**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.7310, -18.4760, -6.5720**, and **149.0500, -29.8000, -10.6000** is the 20% darker color. If you saturate the color by 10%, you get **197.1730, -43.5080, -15.4760**, and if you desaturate by 10%, it is **210.3290, -17.2840, -6.1480**.

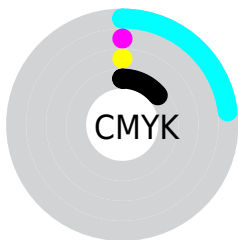
Distribution



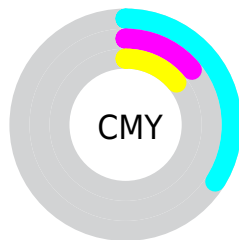
- Red (66%)
- Green (86%)
- Blue (86%)



- Red (66%)
- Yellow (76%)
- Blue (86%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (34%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.7510, -30.3960, -10.8120 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 203.7510, -30.3960, -10.8120 by changing the saturation by 10% instead.

■ 203.7510,
-30.3960, -10.8120

■ 203.7510,
-30.3960, -10.8120

■ 255.0000, -0.0000,
-0.0000

■ 176.0500,
-29.8000, -10.6000

■ 245.7310,
-18.4760, -6.5720

■ 149.0500,
-29.8000, -10.6000

■ 254.4020, -1.1920,
-0.4240

■ 123.3490,
-29.2040, -10.3880

■ 97.3490, -29.2040,
-10.3880

■ 73.0500, -29.8000,
-10.6000

■ 47.6690, -33.1010,
-11.3490

■ 29.5560, -25.3530,

-8.5930

■ 16.0090, -13.3870,
-5.1870

■ 0.0000, 0.0000,
0.0000

■ 203.7510,
-30.3960, -10.8120

■ 203.7510,
-30.3960, -10.8120

■ 197.1730,
-43.5080, -15.4760

■ 210.3290,
-17.2840, -6.1480

■ 190.5950,
-56.6200, -20.1400

■ 216.9070, -4.1720,
-1.4840

■ 184.0170,
-69.7320, -24.8040

■ 223.4850, 8.9400,
3.1800

■ 177.4390,
-82.8440, -29.4680

■ 229.7640, 21.4560,
7.6320

■ 170.8610,
-95.9560, -34.1320

■ 164.5820,
-108.4720, -38.5840

■ 158.0040,
-121.5840, -43.2480

■ 153.5190,
-130.5240, -46.4280

Harmonies

Analogous

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



204.5040, -19.5750, -14.1910



203.7510, -30.3960, -10.8120



204.7710, -33.1480, -4.9880

Triad

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



203.7510, -30.3960, -10.8120



211.8840, 3.8030, 13.6830



209.6850, 22.6960, -3.8320

Complementary

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



203.7510, -30.3960, -10.8120



183.2490, 30.3960, 10.8120

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.



210.9510, 28.0590, 3.6030



203.7510, -30.3960, -10.8120



213.0120, 18.0620, 14.0780

Square

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



203.7510, -30.3960, -10.8120



210.4520, -12.6560, 9.1040



212.5690, 26.4990, 9.8510



208.2380, 10.5930, -10.2630

Rectangle

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



203.7510, -30.3960, -10.8120



206.3850, -28.8850, 0.3550



212.5690, 26.4990, 9.8510



209.9350, 24.9880, -1.3160

Sweetspot

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



203.7510, -30.3960, -10.8120



249.6180, -10.7280, -3.8160



198.2360, -13.4290, -26.4610



124.5970, -6.2350, -2.6430



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.



203.7510, -30.3960, -10.8120



233.7710, -42.3160, -15.0520



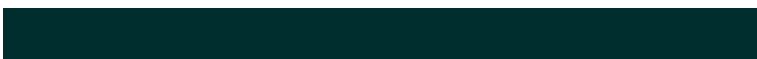
189.0760, -23.5210, 2.2630



106.7110, -6.5560, -2.3320



121.2730, -103.1080, -36.6760



32.2460, -27.4160, -9.7520

Inverse Universe

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



183.2490, 30.3960, 10.8120



205.2290, 42.3160, 15.0520



197.9240, 23.5210, -2.2630



102.2890, 6.5560, 2.3320



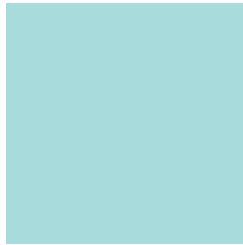
51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Previews

White Background



This preview shows how the YIQ color 203.7510, -30.3960, -10.8120 looks on a white background.

Color Contrast Check

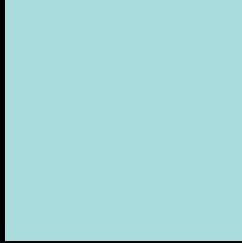
Large Text (above 18pt) WCAG AA × Fail

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 203.7510, -30.3960, -10.8120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

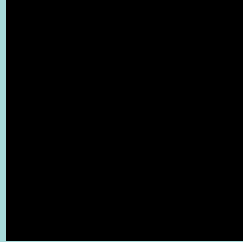
Any Text WCAG AA ✓ Pass

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 203.7510, -30.3960, -10.8120 Background



This preview shows how black text looks on a background with the YIQ color 203.7510, -30.3960, -10.8120.



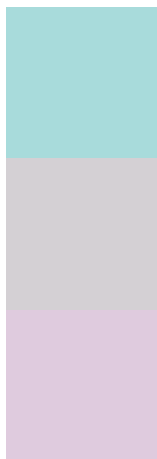
This preview shows how white text looks on a background with the YIQ color 203.7510, -30.3960, -10.8120.

-10.8120.

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

203.7510, -30.3960, -10.8120

Protanopia

209.6520, 1.1000, 2.0920

Deuteranopia

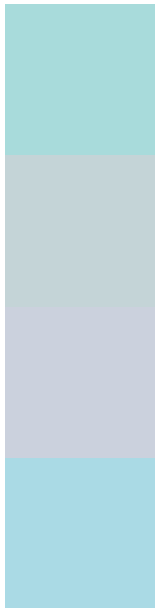
211.1460, 5.8210, 10.1490



Tritanopia

205.1840, -32.8730, -4.4650

Trichromacy



Original Color

203.7510, -30.3960, -10.8120

Protanomaly

207.5580, -10.4990, -2.4590

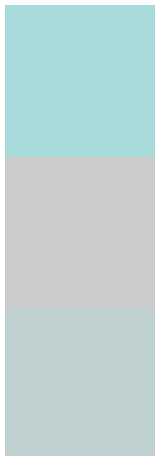
Deuteranomaly

208.5740, -7.4280, 2.4600

Tritanomaly

204.9020, -32.1390, -6.7550

Monochromacy



Original Color

203.7510, -30.3960, -10.8120

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.6180, -10.7280, -3.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.7510, -30.3960, -10.8120 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(168, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(168, 219, 219)  
}
```

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(168, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 219, 219) }
```

Border

The CSS property to change the border of an element to YIQ 203.7510, -30.3960, -10.8120 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

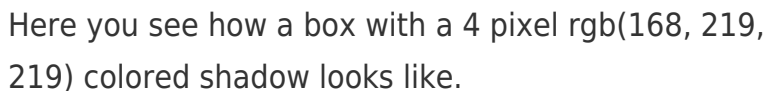
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 219, 219) }
```


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

```
.border{ border-color:rgb(168, 219, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 219, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 219, 219); box-shadow:4px 4px 4px 4px rgb(168, 219, 219) }
```

Background

The CSS property to change the background color of an element to YIQ 203.7510, -30.3960, -10.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 219, 219) }
```

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

```
.background{ background-color: rgb(168,  
219, 219) }
```

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