

Converting Colors

YIQ(199.8140, -43.8750,
-14.3310)

Have a look what the booklet for
YIQ(199.8140, -43.8750, -14.3310)
contains.

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Color

**YIQ(199.8140, -43.8750,
-14.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	95DDE0
RGB	149, 221, 224
RGB Percent	58%, 87%, 88%
CMY	0.4158, 0.1332, 0.1217
CMYK	0.33, 0.01, 0.00, 0.12
HSL	182°, 55%, 73%
HSV	182°, 33%, 88%
XYZ	51.6994, 63.4938, 80.0197
YIQ	199.8140, -43.8750, -14.3310

Conversions

Conversions Part 2

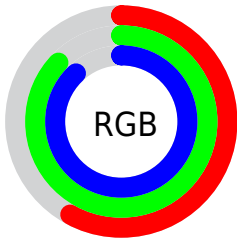
Format	Color
RYB	149, 186, 224
Decimal	9821664
CIELab	83.70, -21.60, -8.59
CIELCh	84, 23.243, 201.680
Yxy	63.4938, 0.2648, 0.3253
Android (android.graphics.Color)	4288011744 (0xFF95DDE0)
YUV	199.8140, 11.9237, -44.5639
Hunter-Lab	79.6830, -23.6319, -3.7625

Details

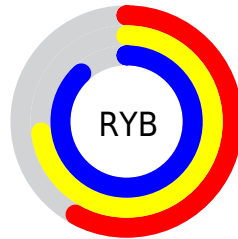
The YIQ color **199.8140, -43.8750, -14.3310** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **173.1860, 43.8750, 14.3310**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.3490, -29.2040, -10.3880**, and **144.8140, -43.8750, -14.3310** is the 20% darker color. If you saturate the color by 10%, you get **192.6490, -56.7120, -18.4720**, and if you desaturate by 10%, it is **206.9790, -31.0380, -10.1900**.

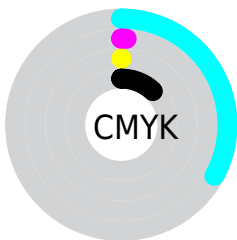
Distribution



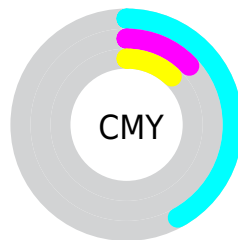
- Red (58%)
- Green (87%)
- Blue (88%)



- Red (58%)
- Yellow (73%)
- Blue (88%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (42%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.8140, -43.8750, -14.3310 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 199.8140, -43.8750, -14.3310 by changing the saturation by 10% instead.

■ 199.8140,
-43.8750, -14.3310

■ 199.8140,
-43.8750, -14.3310

■ 255.0000, -0.0000,
-0.0000

■ 171.8140,
-43.8750, -14.3310

■ 240.0500,
-29.8000, -10.6000

■ 144.8140,
-43.8750, -14.3310

■ 249.0200,
-11.9200, -4.2400

■ 117.8140,
-43.8750, -14.3310

■ 91.6180, -46.2590,
-15.1790

■ 62.7310, -54.0070,
-17.9350

■ 46.0210, -40.0240,
-12.5360

■ 30.4850, -26.5910,

-8.1830

■ 15.8780, -14.3960,
-3.4200

■ 0.0000, 0.0000,
0.0000

■ 199.8140,
-43.8750, -14.3310

■ 199.8140,
-43.8750, -14.3310

■ 192.6490,
-56.7120, -18.4720

■ 206.9790,
-31.0380, -10.1900

■ 185.1850,
-70.1450, -22.8250

■ 214.4430,
-17.6050, -5.8370

■ 178.0200,
-82.9820, -26.9660

■ 221.6080, -4.7680,
-1.6960

■ 171.1430,
-96.6900, -31.8420

■ 229.0720, 8.6650,
2.6570

■ 163.9780,
-109.5270, -35.9830

■ 233.8560, 18.2010,
6.0490

■ 156.8130,
-122.3640, -40.1240

■ 234.4430, 17.9260,
5.5260

■ 151.7410,
-131.0290, -42.7810

■ 235.0300, 17.6510,
5.0030

■ 235.6170, 17.3760,
4.4800

■ 236.2040, 17.1010,
3.9570

Harmonies

Analogous

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



200.8940, -29.6610, -18.6290



199.8140, -43.8750, -14.3310



201.6000, -45.8480, -6.1040

Triad

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



199.8140, -43.8750, -14.3310



212.1990, 7.4700, 18.8140



208.3280, 28.0150, -6.6170

Complementary

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



199.8140, -43.8750, -14.3310



173.1860, 43.8750, 14.3310

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.



210.3280, 37.1830, 3.4470



199.8140, -43.8750, -14.3310



212.9530, 25.7180, 18.5020

Square

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



199.8140, -43.8750, -14.3310



210.0160, -14.1240, 13.6840



211.8260, 36.0810, 12.4090



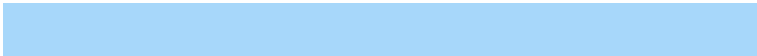
206.0870, 12.3360, -14.3200

Rectangle

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



199.8140, -43.8750, -14.3310



204.6380, -39.8430, 0.7090



211.8260, 36.0810, 12.4090



209.4750, 32.0950, -3.4650

Sweetspot

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



199.8140, -43.8750, -14.3310



246.9380, -14.6250, -4.7770



193.2530, -21.2670, -38.6030



122.6290, -9.2610, -2.8690



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.



199.8140, -43.8750, -14.3310



222.1540, -59.6920, -19.5320



178.0950, -33.7000, 5.0200



108.7110, -6.5560, -2.3320



119.2670, -102.9710, -33.6510



33.0610, -28.3330, -9.6530

Inverse Universe

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



179.6330, 21.5880, 38.2920



194.6700, 29.3340, 52.1020



194.9050, 33.7000, -5.0200



105.5430, 3.0250, 5.7530



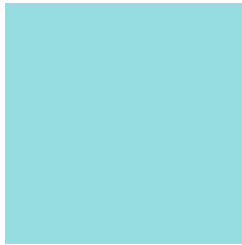
71.8900, 50.6470, 89.8710



19.7100, 13.5210, 24.7930

Previews

White Background



This preview shows how the YIQ color 199.8140, -43.8750, -14.3310 looks on a white background.

Color Contrast Check

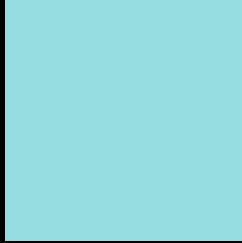
Large Text (above 18pt) WCAG AA × Fail

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 199.8140, -43.8750, -14.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

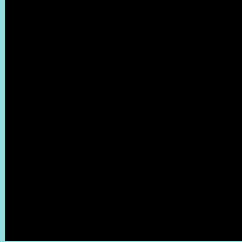
Any Text WCAG AA ✓ Pass

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 199.8140, -43.8750, -14.3310 Background



This preview shows how black text looks on a background with the YIQ color 199.8140, -43.8750, -14.3310.



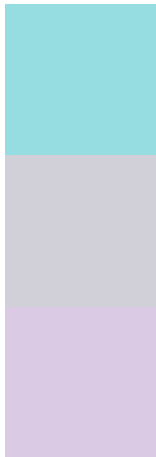
This preview shows how white text looks on a background with the YIQ color 199.8140, -43.8750, -14.3310.

-14.3310.

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

199.8140, -43.8750, -14.3310

Protanopia

208.5100, -1.3760, 2.9120

Deuteranopia

210.0470, 1.7860, 11.6900



Tritanopia

201.0190, -45.7100, -8.6060

Trichromacy



Original Color

199.8140, -43.8750, -14.3310

Protanomaly

205.2090, -16.8260, -3.4340

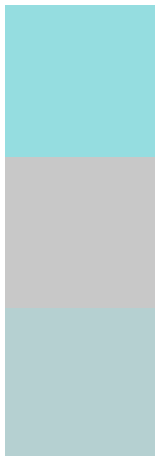
Deuteranomaly

206.5670, -14.7180, 2.4180

Tritanomaly

200.7370, -44.9760, -10.8960

Monochromacy



Original Color

199.8140, -43.8750, -14.3310

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.0410, -16.4130, -5.4130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8140, -43.8750, -14.3310 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(149, 221, 224)` looks like.

```
.text, #text, p{  
    color:rgb(149, 221, 224)  
}
```

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(149, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 221, 224) }
```

Border

The CSS property to change the border of an element to YIQ 199.8140, -43.8750, -14.3310 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(149, 221, 224) }
```


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

```
.border{ border-color:rgb(149, 221, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 221, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(149, 221,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8140, -43.8750, -14.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 221, 224) }
```

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

```
.background{ background-color: rgb(149,  
221, 224) }
```

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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