

Converting Colors

YIQ(204.7880, -14.6230,
-15.8310)

Have a look what the booklet for
YIQ(204.7880, -14.6230, -15.8310)
contains.

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Color

**YIQ(204.7880, -14.6230,
-15.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DBC2
RGB	181, 219, 194
RGB Percent	71%, 86%, 76%
CMY	0.2903, 0.1411, 0.2392
CMYK	0.17, 0.00, 0.11, 0.14
HSL	141°, 35%, 78%
HSV	141°, 17%, 86%
XYZ	54.1219, 64.3864, 60.6084
YIQ	204.7880, -14.6230, -15.8310

Conversions

Conversions Part 2

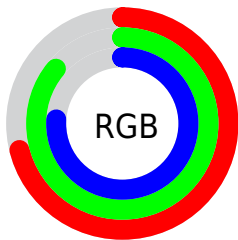
Format	Color
RYB	181, 209, 219
Decimal	11918274
CIELab	84.17, -17.33, 8.18
CIElCh	84, 19.159, 154.726
Yxy	64.3864, 0.3022, 0.3595
Android (android.graphics.Color)	4290108354 (0xFFB5DBC2)
YUV	204.7880, -5.3185, -20.8621
Hunter-Lab	80.2412, -20.0255, 11.3854

Details

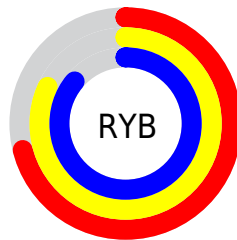
The YIQ color **204.7880, -14.6230, -15.8310** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **195.2120, 14.6230, 15.8310**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.0480, -9.1230, -5.3710**, and **150.5000, -13.7520, -15.0960** is the 20% darker color. If you saturate the color by 10%, you get **196.6140, -23.2410, -24.8490**, and if you desaturate by 10%, it is **212.9620, -6.0050, -6.8130**.

Distribution



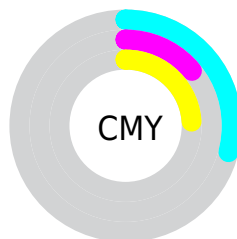
- Red (71%)
- Green (86%)
- Blue (76%)



- Red (71%)
- Yellow (82%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.7880, -14.6230, -15.8310 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 204.7880, -14.6230, -15.8310 by changing the saturation by 10% instead.

■ 204.7880,
-14.6230, -15.8310

■ 204.7880,
-14.6230, -15.8310

255.0000, -0.0000,
-0.0000

■ 177.2010,
-14.3480, -15.3080

■ 249.0480, -9.1230,
-5.3710

■ 150.5000,
-13.7520, -15.0960

■ 124.6140,
-14.0730, -14.7850

■ 99.3260, -13.2020,
-14.0500

■ 75.4400, -13.5230,
-13.7390

■ 51.9670, -13.5690,
-12.9050

■ 29.7820, -14.4860,

-12.8060

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 204.7880,
-14.6230, -15.8310

■ 204.7880,
-14.6230, -15.8310

■ 196.6140,
-23.2410, -24.8490

■ 212.9620, -6.0050,
-6.8130

■ 188.3260,
-31.5380, -34.1780

■ 221.2500, 2.2920,
2.5160

■ 180.1520,
-40.1560, -43.1960

■ 229.4240, 10.9100,
11.5340

■ 171.8640,
-48.4530, -52.5250

■ 233.5260, 10.8630,
17.8950

■ 163.6900,
-57.0710, -61.5430

■ 233.8680, 9.9000,
18.8280

■ 155.8150,
-65.0930, -70.3490

■ 147.5270,
-73.3900, -79.6780

■ 139.3530,
-82.0080, -88.6960

■ 137.1030,
-84.3000, -91.2120

Harmonies

Analogous

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



206.8240, 2.8910, -13.8530



204.7880, -14.6230, -15.8310



203.5290, -29.8910, -14.4590

Triad

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



204.7880, -14.6230, -15.8310



209.9070, -21.3670, 7.2810



212.3260, 31.4970, 7.3770

Complementary

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



204.7880, -14.6230, -15.8310



195.2120, 14.6230, 15.8310

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.



213.2040, 26.2690, 14.0210



204.7880, -14.6230, -15.8310



211.9910, -3.8080, 13.9520

Square

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



204.7880, -14.6230, -15.8310



206.1070, -33.9740, -1.0300



213.1410, 13.3850, 16.2410



211.2020, 28.6100, -0.8780

Rectangle

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



204.7880, -14.6230, -15.8310



203.1140, -35.8520, -11.0520



213.1410, 13.3850, 16.2410



212.7220, 30.4420, 9.9780

Sweetspot

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



204.7880, -14.6230, -15.8310



250.2010, -5.1800, -5.2440



210.7810, 4.4500, -14.5740



124.9240, -2.8420, -3.5620



0.0000, 0.0000, 0.0000



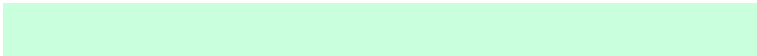
128.0000, -0.0000, -0.0000

Same Dimension

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



204.7880, -14.6230, -15.8310



234.8640, -20.9490, -22.3330



206.9540, -20.7220, -9.9220



105.7990, -3.9880, -4.8200



108.2770, -66.5140, -72.1300



28.8260, -17.7860, -19.0820

Inverse Universe

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



195.2120, 14.6230, 15.8310



221.2500, 20.6280, 22.6440



193.0460, 20.7220, 9.9220



103.0870, 4.3090, 4.5090



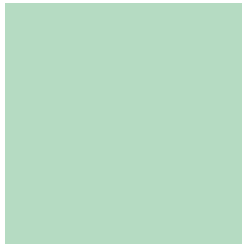
64.7230, 66.5140, 72.1300



17.1740, 17.7860, 19.0820

Previews

White Background



This preview shows how the YIQ color 204.7880, -14.6230, -15.8310 looks on a white background.

Color Contrast Check

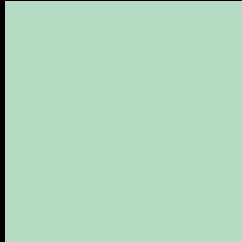
Large Text (above 18pt) WCAG AA × Fail

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 204.7880, -14.6230, -15.8310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

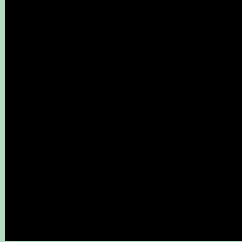
Any Text WCAG AA ✓ Pass

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 204.7880, -14.6230, -15.8310 Background



This preview shows how black text looks on a background with the YIQ color 204.7880, -14.6230, -15.8310.



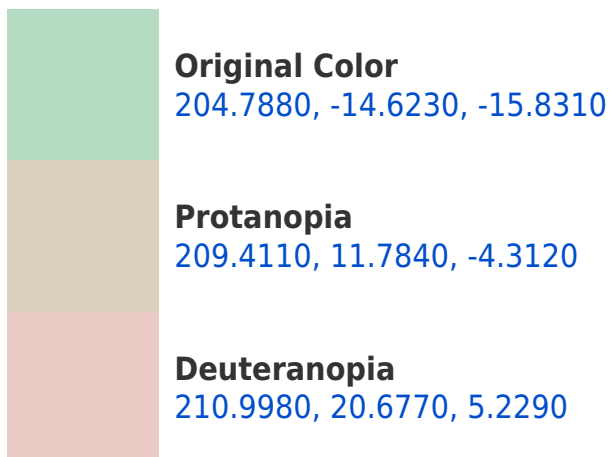
This preview shows how white text looks on a background with the YIQ color 204.7880, -14.6230, -15.8310.

-15.8310.

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

207.8650, -21.5490, -0.4370

Trichromacy



Original Color

204.7880, -14.6230, -15.8310

Protanomaly

208.1000, 2.2940, -8.5380

Deuteranomaly

208.7250, 8.0240, -2.2480

Tritanomaly

206.9590, -19.1180, -5.9500

Monochromacy



Original Color

204.7880, -14.6230, -15.8310

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.7880, -5.4550, -5.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.7880, -14.6230, -15.8310 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(181, 219, 194)` looks like.

```
.text, #text, p{  
    color:rgb(181, 219, 194)  
}
```

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(181, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 219, 194) }
```

Border

The CSS property to change the border of an element to YIQ 204.7880, -14.6230, -15.8310 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(181, 219, 194) }
```


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

```
.border{ border-color:rgb(181, 219, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 219, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(181, 219,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 204.7880, -14.6230, -15.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 219, 194) }
```

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

```
.background{ background-color: rgb(181,  
219, 194) }
```

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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