

Converting Colors

YIQ(181.3150, -14.6690,
-14.9970)

Have a look what the booklet for
YIQ(181.3150, -14.6690, -14.9970)
contains.

YIQ(181.3150, -14.6690, -14.9970)	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(181.3150, -14.6690,
-14.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC3AC
RGB	158, 195, 172
RGB Percent	62%, 76%, 67%
CMY	0.3805, 0.2352, 0.3255
CMYK	0.19, 0.00, 0.12, 0.24
HSL	143°, 24%, 69%
HSV	143°, 19%, 76%
XYZ	41.0594, 49.2818, 46.3728
YIQ	181.3150, -14.6690, -14.9970

Conversions

Conversions Part 2

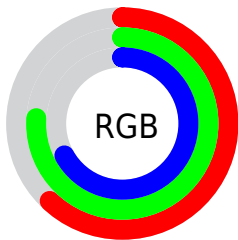
Format	Color
RYB	158, 185, 195
Decimal	10404780
CIELab	75.63, -16.97, 7.50
CIELCh	76, 18.552, 156.150
Yxy	49.2818, 0.3003, 0.3605
Android (android.graphics.Color)	4288594860 (0xFF9EC3AC)
YUV	181.3150, -4.5923, -20.4473
Hunter-Lab	70.2010, -18.4500, 9.9754

Details

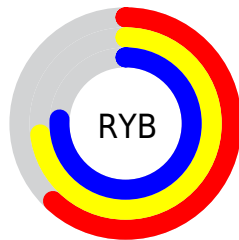
The YIQ color **181.3150, -14.6690, -14.9970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **171.6850, 14.6690, 14.9970**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.4890, -15.2190, -16.0430**, and **128.1410, -14.1190, -13.9510** is the 20% darker color. If you saturate the color by 10%, you get **173.9670, -22.7370, -22.9690**, and if you desaturate by 10%, it is **188.3640, -7.1970, -7.2370**.

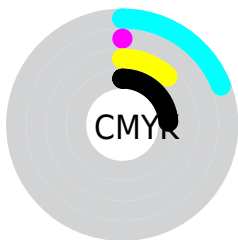
Distribution



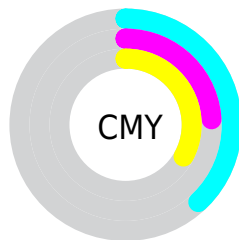
- Red (62%)
- Green (76%)
- Blue (67%)



- Red (62%)
- Yellow (73%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.3150, -14.6690, -14.9970 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 181.3150, -14.6690, -14.9970 by changing the saturation by 10% instead.

■ 181.3150,
-14.6690, -14.9970

■ 181.3150,
-14.6690, -14.9970

■ 255.0000, -0.0000,
-0.0000

■ 154.6140,
-14.0730, -14.7850

■ 237.4890,
-15.2190, -16.0430

■ 128.1410,
-14.1190, -13.9510

■ 251.1130, -7.7480,
-2.7560

■ 103.1410,
-14.1190, -13.9510

■ 78.8530, -13.2480,
-13.2160

■ 55.3800, -13.2940,
-12.3820

■ 33.1950, -14.2110,
-12.2830

■ 15.3760, -7.4710,

-13.2870

■ 0.0000, 0.0000,
0.0000

■ 181.3150,
-14.6690, -14.9970

■ 181.3150,
-14.6690, -14.9970

■ 173.9670,
-22.7370, -22.9690

■ 188.3640, -7.1970,
-7.2370

■ 166.9180,
-30.2090, -30.7290

■ 195.7120, 0.8710,
0.7350

■ 159.5700,
-38.2770, -38.7010

■ 202.7610, 8.3430,
8.4950

■ 152.4070,
-45.4280, -46.7720

■ 210.1090, 16.4110,
16.4670

■ 145.0590,
-53.4960, -54.7440

■ 217.2720, 23.5620,
24.5380

■ 138.0100,
-60.9680, -62.5040

■ 218.6400, 19.7100,
28.2700

■ 130.6620,
-69.0360, -70.4760

■ 219.7800, 16.5000,
31.3800

■ 123.6130,
-76.5080, -78.2360

■ 122.9010,
-77.3790, -78.9710

Harmonies

Analogous

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



183.0520, 2.2490, -13.2310



181.3150, -14.6690, -14.9970



179.6540, -28.7450, -13.2010

Triad

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



181.3150, -14.6690, -14.9970



186.2770, -19.5330, 7.0830



188.4290, 29.7090, 6.7410

Complementary

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



181.3150, -14.6690, -14.9970



171.6850, 14.6690, 14.9970

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.



189.0790, 25.1230, 12.7630



181.3150, -14.6690, -14.9970



188.6490, -2.8450, 13.0190

Square

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



181.3150, -14.6690, -14.9970



182.8900, -31.8650, -0.7050



189.6140, 13.4310, 15.4070



187.4190, 26.5010, -1.2030

Rectangle

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



181.3150, -14.6690, -14.9970



180.1250, -34.3850, -10.1050



189.6140, 13.4310, 15.4070



188.7110, 28.9750, 9.0310

Sweetspot

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



181.3150, -14.6690, -14.9970



246.4890, -6.0510, -5.9790



186.5960, 3.5330, -14.4750



124.6250, -3.4380, -3.7740



0.0000, 0.0000, 0.0000



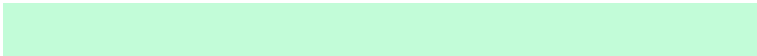
128.0000, -0.0000, -0.0000

Same Dimension

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



181.3150, -14.6690, -14.9970



230.5540, -23.0120, -23.4920



183.3670, -20.4470, -9.3990



93.3260, -4.0340, -3.9860



101.4610, -63.8560, -65.2320



20.8530, -13.2480, -13.2160

Inverse Universe

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



171.6850, 14.6690, 14.9970



215.4460, 23.0120, 23.4920



169.6330, 20.4470, 9.3990



90.6740, 4.0340, 3.9860



59.5390, 63.8560, 65.2320



12.2610, 12.9270, 13.5270

Previews

White Background



This preview shows how the YIQ color 181.3150, -14.6690, -14.9970 looks on a white background.

Color Contrast Check

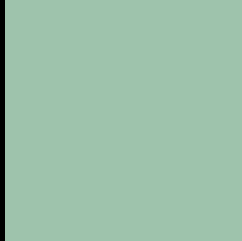
Large Text (above 18pt) WCAG AA × Fail

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 181.3150, -14.6690, -14.9970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

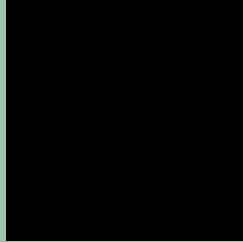
Any Text WCAG AA ✓ Pass

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 181.3150, -14.6690, -14.9970 Background



This preview shows how black text looks on a background with the YIQ color 181.3150, -14.6690, -14.9970.



This preview shows how white text looks on a background with the YIQ color 181.3150, -14.6690, -14.9970.

-14.9970.

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

181.3150, -14.6690, -14.9970

Protanopia

185.6390, 11.1420, -3.6900

Deuteranopia

187.2150, 18.5680, 4.9040



Tritanopia

183.9360, -20.3110, -0.8470

Trichromacy



Original Color

181.3150, -14.6690, -14.9970

Protanomaly

184.3280, 1.6520, -7.9160

Deuteranomaly

185.2410, 6.5110, -2.3610

Tritanomaly

183.1440, -18.2010, -6.0490

Monochromacy



Original Color

181.3150, -14.6690, -14.9970

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.2010, -5.1800, -5.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.3150, -14.6690, -14.9970 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(158, 195, 172)` looks like.

```
.text, #text, p{  
    color:rgb(158, 195, 172)  
}
```

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(158, 195, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 195, 172) }
```

Border

The CSS property to change the border of an element to YIQ 181.3150, -14.6690, -14.9970 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(158, 195, 172) }
```


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

```
.border{ border-color:rgb(158, 195, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 195, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 195, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 195, 172);  
box-shadow:4px 4px 4px 4px rgb(158, 195,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 181.3150, -14.6690, -14.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 195, 172) }
```

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

```
.background{ background-color: rgb(158,  
195, 172) }
```

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