

Converting Colors

YIQ(186.3150, -14.6690,
-14.9970)

Have a look what the booklet for
YIQ(186.3150, -14.6690, -14.9970)
contains.

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Color

**YIQ(186.3150, -14.6690,
-14.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C8B1
RGB	163, 200, 177
RGB Percent	64%, 78%, 69%
CMY	0.3609, 0.2156, 0.3059
CMYK	0.19, 0.00, 0.12, 0.22
HSL	143°, 25%, 71%
HSV	143°, 19%, 78%
XYZ	43.6916, 52.2734, 49.3766
YIQ	186.3150, -14.6690, -14.9970

Conversions

Conversions Part 2

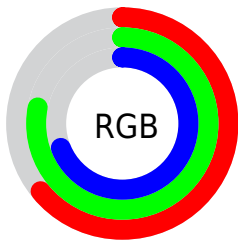
Format	Color
RYB	163, 190, 200
Decimal	10733745
CIELab	77.44, -16.89, 7.45
CIELCh	77, 18.464, 156.189
Yxy	52.2734, 0.3006, 0.3597
Android (android.graphics.Color)	4288923825 (0xFFA3C8B1)
YUV	186.3150, -4.5923, -20.4473
Hunter-Lab	72.3004, -18.6570, 10.1189

Details

The YIQ color **186.3150, -14.6690, -14.9970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **176.6850, 14.6690, 14.9970**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.4290, -14.9900, -14.6860**, and **133.0270, -13.7980, -14.2620** is the 20% darker color. If you saturate the color by 10%, you get **178.9670, -22.7370, -22.9690**, and if you desaturate by 10%, it is **193.6630, -6.6010, -7.0250**.

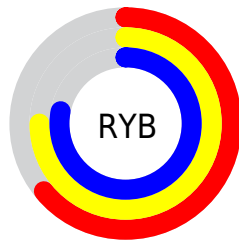
Distribution



Red (64%)

Green (78%)

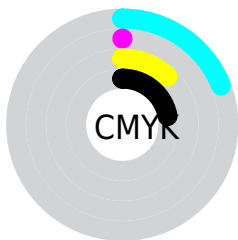
Blue (69%)



Red (64%)

Yellow (75%)

Blue (78%)

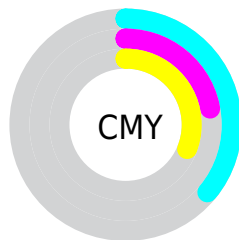


Cyan (19%)

Magenta (0%)

Yellow (12%)

Black (22%)



Cyan (36%)

Magenta (22%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.3150, -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 186.3150, -14.6690, -14.9970 by changing the saturation by 10% instead.

■ 186.3150,
-14.6690, -14.9970

■ 186.3150,
-14.6690, -14.9970

■ 255.0000, -0.0000,
-0.0000

■ 159.3150,
-14.6690, -14.9970

■ 241.4290,
-14.9900, -14.6860

■ 133.0270,
-13.7980, -14.2620

■ 252.6080, -4.7680,
-1.6960

■ 107.5540,
-13.8440, -13.4280

■ 82.9670, -13.5690,
-12.9050

■ 59.3800, -13.2940,
-12.3820

■ 37.1950, -14.2110,
-12.2830

■ 17.9350, -10.5430,

-12.6790

■ 0.0000, 0.0000,
0.0000

■ 186.3150,
-14.6690, -14.9970

■ 186.3150,
-14.6690, -14.9970

■ 178.9670,
-22.7370, -22.9690

■ 193.6630, -6.6010,
-7.0250

■ 171.5050,
-30.4840, -31.2520

■ 201.1250, 1.1460,
1.2580

■ 164.1570,
-38.5520, -39.2240

■ 208.4730, 9.2140,
9.2300

■ 156.6950,
-46.2990, -47.5070

■ 215.9350, 16.9610,
17.5130

■ 149.3470,
-54.3670, -55.4790

■ 220.8910, 20.2610,
23.7890

■ 141.8850,
-62.1140, -63.7620

■ 222.3730, 16.0880,
27.8320

■ 134.5370,
-70.1820, -71.7340

■ 222.7150, 15.1250,
28.7650

■ 127.1890,
-78.2500, -79.7060

■ 126.0640,
-79.3960, -80.9640

Harmonies

Analogous

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



188.0520, 2.2490, -13.2310



186.3150, -14.6690, -14.9970



184.6540, -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.



186.3150, -14.6690, -14.9970



191.2770, -19.5330, 7.0830



193.4290, 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.



186.3150, -14.6690, -14.9970



176.6850, 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.



194.0790, 25.1230, 12.7630



186.3150, -14.6690, -14.9970



193.6490, -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.



186.3150, -14.6690, -14.9970



187.8900, -31.8650, -0.7050



194.5000, 13.7520, 15.0960



192.4190, 26.5010, -1.2030

Rectangle

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



186.3150, -14.6690, -14.9970



185.1250, -34.3850, -10.1050



194.5000, 13.7520, 15.0960



193.7110, 28.9750, 9.0310

Sweetspot

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



186.3150, -14.6690, -14.9970



249.3750, -5.7300, -6.2900



191.5960, 3.5330, -14.4750



124.6250, -3.4380, -3.7740



0.0000, 0.0000, 0.0000



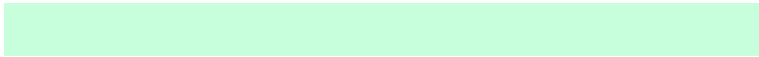
128.0000, -0.0000, -0.0000

Same Dimension

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



186.3150, -14.6690, -14.9970



234.2660, -22.1410, -22.7570



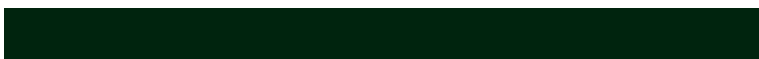
188.3670, -20.4470, -9.3990



95.6250, -3.4380, -3.7740



102.7490, -64.7270, -65.9670



22.7280, -14.3940, -14.4740

Inverse Universe

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



176.6850, 14.6690, 14.9970



219.7340, 22.1410, 22.7570



174.6330, 20.4470, 9.3990



93.3750, 3.4380, 3.7740



60.2510, 64.7270, 65.9670



13.2720, 14.3940, 14.4740

Previews

White Background



This preview shows how the YIQ color 186.3150, -14.6690, -14.9970 looks on a white background.

Color Contrast Check

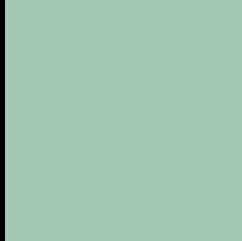
Large Text (above 18pt) WCAG AA × Fail

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 186.3150, -14.6690, -14.9970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

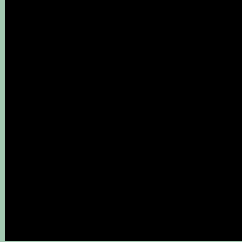
Any Text WCAG AA ✓ Pass

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 186.3150, -14.6690, -14.9970 Background



This preview shows how black text looks on a background with the YIQ color 186.3150, -14.6690, -14.9970.



This preview shows how white text looks on a background with the YIQ color 186.3150, -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

186.3150, -14.6690, -14.9970

Protanopia

190.6390, 11.1420, -3.6900

Deuteranopia

192.2150, 18.5680, 4.9040



Tritanopia

189.0500, -20.6320, -0.5360

Trichromacy



Original Color

186.3150, -14.6690, -14.9970

Protanomaly

189.3280, 1.6520, -7.9160

Deuteranomaly

190.2410, 6.5110, -2.3610

Tritanomaly

188.2580, -18.5220, -5.7380

Monochromacy



Original Color

186.3150, -14.6690, -14.9970

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.2010, -5.1800, -5.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.3150, -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(163, 200, 177)` looks like.

```
.text, #text, p{  
    color:rgb(163, 200, 177)  
}
```

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(163, 200, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 200, 177) }
```

Border

The CSS property to change the border of an element to YIQ 186.3150, -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(163, 200, 177) }
```


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

```
.border{ border-color:rgb(163, 200, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 200, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 200, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 200, 177);  
box-shadow:4px 4px 4px 4px rgb(163, 200,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 186.3150, -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(163, 200, 177) }
```

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

```
.background{ background-color: rgb(163,  
200, 177) }
```

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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