

Converting Colors

YIQ(176.2930, -8.4350, -6.8270)

Have a look what the booklet for
YIQ(176.2930, -8.4350, -6.8270)
contains.

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Color

**YIQ(176.2930, -8.4350,
-6.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B7AE
RGB	164, 183, 174
RGB Percent	64%, 72%, 68%
CMY	0.3569, 0.2823, 0.3177
CMYK	0.10, 0.00, 0.05, 0.28
HSL	152°, 12%, 68%
HSV	152°, 10%, 72%
XYZ	39.8816, 44.8171, 46.5895
YIQ	176.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

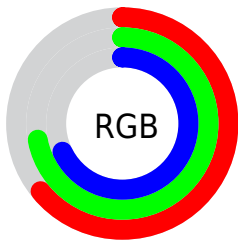
Format	Color
RYB	164, 176, 183
Decimal	10794926
CIELab	72.77, -8.31, 2.34
CIELCh	73, 8.635, 164.243
Yxy	44.8171, 0.3038, 0.3414
Android (android.graphics.Color)	4288985006 (0xFFA4B7AE)
YUV	176.2930, -1.1304, -10.7810
Hunter-Lab	66.9456, -10.8167, 5.6002

Details

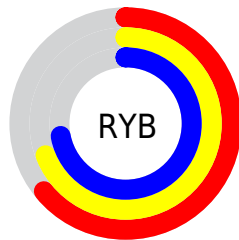
The YIQ color $176.2930, -8.4350, -6.8270$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $170.7070, 8.4350, 6.8270$, and the grayscale version is $176.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $231.8800, -8.7100, -7.3500$, and $123.7060, -8.1600, -6.3040$ is the 20% darker color. If you saturate the color by 10%, you get $169.8850, -16.2740, -13.4420$, and if you desaturate by 10%, it is $182.7010, -0.5960, -0.2120$.

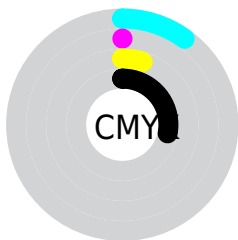
Distribution



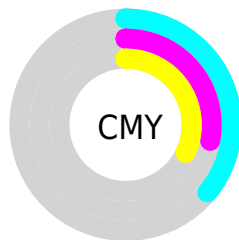
- Red (64%)
- Green (72%)
- Blue (68%)



- Red (64%)
- Yellow (69%)
- Blue (72%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)




- Cyan (36%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.2930, -8.4350, -6.8270 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 176.2930, -8.4350, -6.8270 by changing the saturation by 10% instead.


 176.2930, -8.4350,
-6.8270


 176.2930, -8.4350,
-6.8270


255.0000, -0.0000,
-0.0000


 149.5920, -7.8390,
-6.6150


 231.8800, -8.7100,
-7.3500


 123.7060, -8.1600,
-6.3040

 252.9070, -4.1720,
-1.4840

 99.0050, -7.5640,
-6.0920

 75.0050, -7.5640,
-6.0920

 52.4180, -7.2890,
-5.5690

 30.8310, -7.0140,
-5.0460

 9.2610, -5.4090,

-6.6010

■ 0.0000, 0.0000,
0.0000

■ 176.2930, -8.4350,
-6.8270

■ 176.2930, -8.4350,
-6.8270

■ 169.8850,
-16.2740, -13.4420

■ 182.7010, -0.5960,
-0.2120

■ 163.2920,
-25.0300, -19.9580

■ 189.2940, 8.1600,
6.3040

■ 156.8840,
-32.8690, -26.5730

■ 195.7020, 15.9990,
12.9190

■ 150.4760,
-40.7080, -33.1880

■ 202.1100, 23.8380,
19.5340

■ 143.8830,
-49.4640, -39.7040

■ 208.4040, 31.9980,
25.8380

■ 137.4750,
-57.3030, -46.3190

■ 209.4300, 29.1090,
28.6370

■ 131.0670,
-65.1420, -52.9340

■ 210.4560, 26.2200,
31.4360

■ 124.7730,
-73.3020, -59.2380

■ 211.3680, 23.6520,
33.9240

■ 118.3650,
-81.1410, -65.8530

■ 212.3940, 20.7630,
36.7230

Harmonies

Analogous

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



177.3000, -1.1450, -6.7850



176.2930, -8.4350, -6.8270



176.0090, -13.3870, -5.1870

Triad

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



176.2930, -8.4350, -6.8270



178.9270, -6.9240, 4.3400



179.5950, 14.4420, 2.5860

Complementary

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



176.2930, -8.4350, -6.8270



170.7070, 8.4350, 6.8270

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.



180.1050, 13.0660, 5.4980



176.2930, -8.4350, -6.8270



179.7000, 1.1450, 6.7850

Square

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



176.2930, -8.4350, -6.8270



177.2960, -12.5170, 1.0750



180.4080, 7.8390, 6.6150



179.1060, 11.3250, -1.4990

Rectangle

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



176.2930, -8.4350, -6.8270



176.2800, -15.5880, -3.8440



180.4080, 7.8390, 6.6150



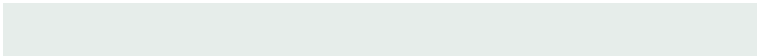
180.1220, 14.3960, 3.4200

Sweetspot

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



176.2930, -8.4350, -6.8270



234.5650, -3.2090, -2.4170



177.8440, 0.1390, -8.0290



118.2770, -2.3380, -1.6820



247.0000, -0.0000, -0.0000



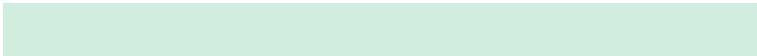
120.0000, -0.0000, -0.0000

Same Dimension

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



176.2930, -8.4350, -6.8270



227.1460, -12.5150, -9.9790



177.3190, -11.3240, -4.0280



88.7390, -3.7590, -3.4630



100.9200, -69.2220, -56.0860



18.1460, -12.5150, -9.9790

Inverse Universe

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



170.7070, 8.4350, 6.8270



218.8540, 12.5150, 9.9790



169.6810, 11.3240, 4.0280



86.1470, 4.0800, 3.1520



55.0800, 69.2220, 56.0860



9.8540, 12.5150, 9.9790

Previews

White Background



This preview shows how the YIQ color 176.2930, -8.4350, -6.8270 looks on a white background.

Color Contrast Check

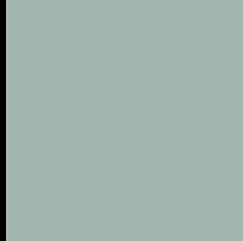
Large Text (above 18pt) WCAG AA × Fail

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 176.2930, -8.4350, -6.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

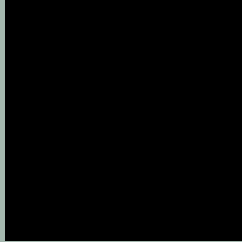
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

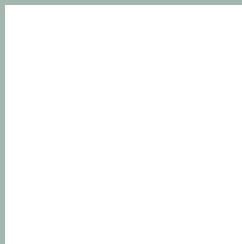
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 176.2930, -8.4350, -6.8270

Background



This preview shows how black text looks on a background with the YIQ color 176.2930, -8.4350, -6.8270.



This preview shows how white text looks on a background with the YIQ color 176.2930, -8.4350,

-6.8270.

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

176.2930, -8.4350, -6.8270

Protanopia

178.6970, 5.2270, -1.1170

Deuteranopia

180.2190, 12.7450, 5.8090



Tritanopia

177.7090, -12.2420, 1.5980

Trichromacy



Original Color

176.2930, -8.4350, -6.8270

Protanomaly

177.8920, 0.1840, -3.3360

Deuteranomaly

178.8650, 4.8140, 0.8620

Tritanomaly

177.1990, -10.8660, -1.3140

Monochromacy



Original Color

176.2930, -8.4350, -6.8270

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.4510, -2.8880, -2.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.2930, -8.4350, -6.8270 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(164, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(164, 183, 174)  
}
```

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(164, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 183, 174) }
```

Border

The CSS property to change the border of an element to YIQ 176.2930, -8.4350, -6.8270 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(164, 183, 174) }
```


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

```
.border{ border-color:rgb(164, 183, 174) }
```

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

Here you see how a box with a 4 pixel rgb(164, 183, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(164, 183,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 176.2930, -8.4350, -6.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 183, 174) }
```

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

```
.background{ background-color: rgb(164,  
183, 174) }
```

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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