

Converting Colors

YIQ(180.4230, -14.8530,
-11.6610)

Have a look what the booklet for
YIQ(180.4230, -14.8530, -11.6610)
contains.

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Color

**YIQ(180.4230, -14.8530,
-11.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC0B1
RGB	159, 192, 177
RGB Percent	62%, 75%, 69%
CMY	0.3766, 0.2470, 0.3059
CMYK	0.17, 0.00, 0.08, 0.25
HSL	153°, 21%, 69%
HSV	153°, 17%, 75%
XYZ	41.0809, 48.2478, 48.7362
YIQ	180.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

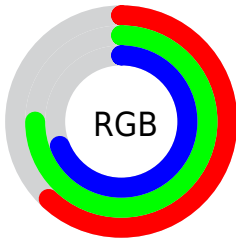
Format	Color
RYB	159, 180, 192
Decimal	10469553
CIELab	74.98, -14.12, 3.87
CIElCh	75, 14.642, 164.655
Yxy	48.2478, 0.2975, 0.3495
Android (android.graphics.Color)	4288659633 (0xFF9FC0B1)
YUV	180.4230, -1.6875, -18.7880
Hunter-Lab	69.4607, -15.9864, 7.0223

Details

The YIQ color **180.4230, -14.8530, -11.6610** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **170.5770, 14.8530, 11.6610**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.1240, -15.4490, -11.8730**, and **127.1350, -13.9820, -10.9260** is the 20% darker color. If you saturate the color by 10%, you get **173.7160, -23.2880, -18.4880**, and if you desaturate by 10%, it is **187.1300, -6.4180, -4.8340**.

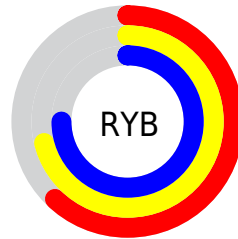
Distribution



Red (62%)

Green (75%)

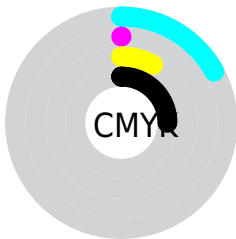
Blue (69%)



Red (62%)

Yellow (71%)

Blue (75%)

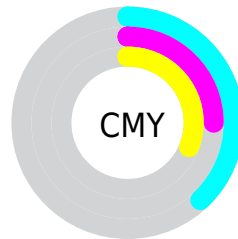


Cyan (17%)

Magenta (0%)

Yellow (8%)

Black (25%)



Cyan (38%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.4230, -14.8530, -11.6610 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 180.4230, -14.8530, -11.6610 by changing the saturation by 10% instead.

■ 180.4230,
-14.8530, -11.6610

■ 180.4230,
-14.8530, -11.6610

■ 255.0000, -0.0000,
-0.0000

■ 153.7220,
-14.2570, -11.4490

■ 236.1240,
-15.4490, -11.8730

■ 127.1350,
-13.9820, -10.9260

■ 251.1130, -7.7480,
-2.7560

■ 102.2490,
-14.3030, -10.6150

■ 77.9610, -13.4320,
-9.8800

■ 54.9610, -13.4320,
-9.8800

■ 33.0750, -13.7530,
-9.5690

■ 14.4130, -8.8930,

-9.5410

■ 0.0000, 0.0000,
0.0000

■ 180.4230,
-14.8530, -11.6610

■ 180.4230,
-14.8530, -11.6610

■ 173.7160,
-23.2880, -18.4880

■ 187.1300, -6.4180,
-4.8340

■ 167.1230,
-32.0440, -25.0040

■ 193.7230, 2.3380,
1.6820

■ 160.1170,
-41.0750, -32.0430

■ 200.7290, 11.3690,
8.7210

■ 153.4100,
-49.5100, -38.8700

■ 207.4360, 19.8040,
15.5480

■ 146.7030,
-57.9450, -45.6970

■ 214.1430, 28.2390,
22.3750

■ 140.1100,
-66.7010, -52.2130

■ 215.0550, 25.6710,
24.8630

■ 133.4030,
-75.1360, -59.0400

■ 216.0810, 22.7820,
27.6620

■ 126.3970,
-84.1670, -66.0790

■ 217.1070, 19.8930,
30.4610

■ 124.6740,
-86.5050, -67.7610

■ 218.0190, 17.3250,
32.9490

Harmonies

Analogous

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



182.0670, -2.1070, -11.3790



180.4230, -14.8530, -11.6610



180.2140, -24.3900, -9.5260

Triad

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



180.4230, -14.8530, -11.6610



184.5830, -11.6470, 7.3370



185.9120, 23.7950, 3.7870

Complementary

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



180.4230, -14.8530, -11.6610



170.5770, 14.8530, 11.6610

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.



186.7040, 21.6850, 8.9890



180.4230, -14.8530, -11.6610



186.6340, 1.5110, 11.1670

Square

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



180.4230, -14.8530, -11.6610



182.7340, -22.5580, 1.3300



187.3920, 13.9360, 11.7600



184.7710, 19.5780, -2.3900

Rectangle

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



180.4230, -14.8530, -11.6610



180.2400, -27.2790, -6.7270



187.3920, 13.9360, 11.7600



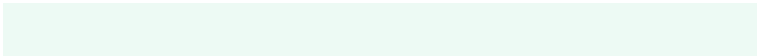
186.9660, 23.7030, 5.4550

Sweetspot

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



180.4230, -14.8530, -11.6610



245.4290, -5.8220, -4.6220



182.8560, -0.1350, -14.0790



122.2660, -3.8050, -2.6290



252.0000, 0.0000, 0.0000



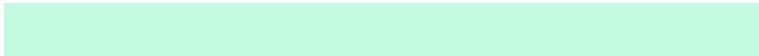
125.0000, 0.0000, 0.0000

Same Dimension

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



180.4230, -14.8530, -11.6610



231.4170, -23.8840, -18.7000



181.5460, -19.3930, -6.4730



93.4400, -4.3550, -3.6750



104.5390, -72.5230, -56.8350



21.4230, -14.8530, -11.6610

Inverse Universe

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



170.5770, 14.8530, 11.6610



215.5830, 23.8840, 18.7000



169.4540, 19.3930, 6.4730



90.5600, 4.3550, 3.6750



56.4610, 72.5230, 56.8350



11.5770, 14.8530, 11.6610

Previews

White Background



This preview shows how the YIQ color 180.4230, -14.8530, -11.6610 looks on a white background.

Color Contrast Check

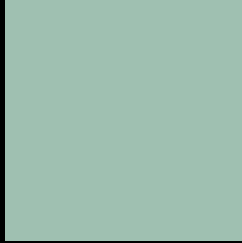
Large Text (above 18pt) WCAG AA × Fail

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 180.4230, -14.8530, -11.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

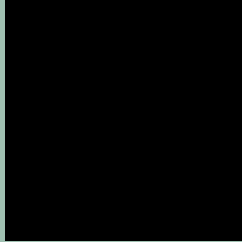
Any Text WCAG AA ✓ Pass

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 180.4230, -14.8530, -11.6610 Background



This preview shows how black text looks on a background with the YIQ color 180.4230, -14.8530, -11.6610.



This preview shows how white text looks on a background with the YIQ color 180.4230, -14.8530, -11.6610.

-11.6610.

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

180.4230, -14.8530, -11.6610

Protanopia

183.8390, 7.7030, -1.9370

Deuteranopia

185.7030, 14.2580, 5.9220



Tritanopia

182.5340, -19.1190, -0.4230

Trichromacy



Original Color

180.4230, -14.8530, -11.6610

Protanomaly

182.5390, -0.3200, -5.2160

Deuteranomaly

183.7400, 3.6680, -0.3960

Tritanomaly

181.4970, -17.6970, -4.1690

Monochromacy



Original Color

180.4230, -14.8530, -11.6610

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.8420, -5.5470, -4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.4230, -14.8530, -11.6610 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(159, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(159, 192, 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(159, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 192, 177) }
```

Border

The CSS property to change the border of an element to YIQ 180.4230, -14.8530, -11.6610 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(159, 192, 177) }
```


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

```
.border{ border-color:rgb(159, 192, 177) }
```

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

Here you see how a box with a 4 pixel rgb(159, 192, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 192, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 192, 177);  
box-shadow:4px 4px 4px 4px rgb(159, 192,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 180.4230, -14.8530, -11.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 192, 177) }
```

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

```
.background{ background-color: rgb(159,  
192, 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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