

Converting Colors

YIQ(175.5330, -9.3510,
-12.2550)

Have a look what the booklet for
YIQ(175.5330, -9.3510, -12.2550)
contains.

YIQ(175.5330, -9.3510, -12.2550)	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(175.5330, -9.3510,
-12.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	9FBAA5
RGB	159, 186, 165
RGB Percent	62%, 73%, 65%
CMY	0.3765, 0.2705, 0.3530
CMYK	0.15, 0.00, 0.11, 0.27
HSL	133°, 16%, 68%
HSV	133°, 15%, 73%
XYZ	38.6465, 45.2079, 42.2839
YIQ	175.5330, -9.3510, -12.2550

Conversions

Conversions Part 2

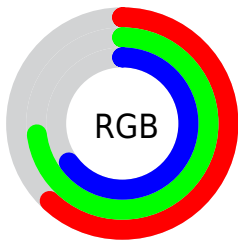
Format	Color
RYB	159, 181, 186
Decimal	10468005
CIELab	73.03, -13.32, 7.58
CIELCh	73, 15.330, 150.359
Yxy	45.2079, 0.3064, 0.3584
Android (android.graphics.Color)	4288658085 (0xFF9FBAA5)
YUV	175.5330, -5.1928, -14.4994
Hunter-Lab	67.2368, -15.0659, 9.7795

Details

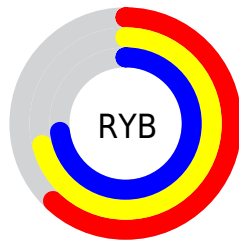
The YIQ color **175.5330, -9.3510, -12.2550** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **169.4670, 9.3510, 12.2550**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.1200, -9.6260, -12.7780**, and **122.9460, -9.0760, -11.7320** is the 20% darker color. If you saturate the color by 10%, you get **168.2560, -16.1810, -20.6370**, and if you desaturate by 10%, it is **182.8100, -2.5210, -3.8730**.

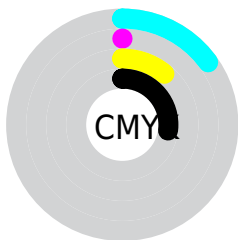
Distribution



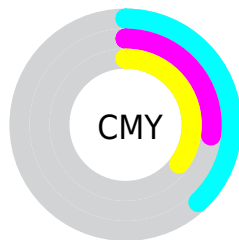
- Red (62%)
- Green (73%)
- Blue (65%)



- Red (62%)
- Yellow (71%)
- Blue (73%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)




- Cyan (38%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.5330, -9.3510, -12.2550 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 175.5330, -9.3510, -12.2550 by changing the saturation by 10% instead.

 175.5330, -9.3510,
-12.2550


 175.5330, -9.3510,
-12.2550


255.0000, -0.0000,
-0.0000


 148.9460, -9.0760,
-11.7320


 231.1200, -9.6260,
-12.7780


 122.9460, -9.0760,
-11.7320

 250.4290, -5.8220,
-4.6220

 98.3590, -8.8010,
-11.2090

 73.7720, -8.5260,
-10.6860

 51.1850, -8.2510,
-10.1630

 29.7120, -8.2970,
-9.3290

 11.1530, -5.2250,

-9.9370

■ 0.0000, 0.0000,
0.0000

■ 175.5330, -9.3510,
-12.2550

■ 175.5330, -9.3510,
-12.2550

■ 168.2560,
-16.1810, -20.6370

■ 182.8100, -2.5210,
-3.8730

■ 161.1640,
-22.0940, -29.1180

■ 189.9020, 3.3920,
4.6080

■ 153.8870,
-28.9240, -37.5000

■ 197.1790, 10.2220,
12.9900

■ 146.7950,
-34.8370, -45.9810

■ 204.2710, 16.1350,
21.4710

■ 139.5180,
-41.6670, -54.3630

■ 211.5480, 22.9650,
29.8530

■ 132.1270,
-48.1760, -63.0560

■ 214.1550, 19.9380,
35.1540

■ 125.1490,
-54.4100, -71.2260

■ 214.4970, 18.9750,
36.0870

■ 117.7580,
-60.9190, -79.9190

■ 113.8560,
-64.3110, -84.5270

Harmonies

Analogous

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



177.4160, 4.2200, -10.4040



175.5330, -9.3510, -12.2550



174.7150, -21.5470, -11.4910

Triad

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



175.5330, -9.3510, -12.2550



178.2940, -18.2030, 5.0050



181.7920, 24.2530, 6.5010

Complementary

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



175.5330, -9.3510, -12.2550



169.4670, 9.3510, 12.2550

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.



182.2030, 18.8420, 10.9540



175.5330, -9.3510, -12.2550



180.8720, -5.0910, 9.6690

Square

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



175.5330, -9.3510, -12.2550



175.7010, -26.9590, -1.5110



182.1680, 8.7550, 12.0430



180.5050, 23.3830, 0.2390

Rectangle

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



175.5330, -9.3510, -12.2550



173.9580, -26.5450, -9.0170



182.1680, 8.7550, 12.0430



181.6610, 23.2440, 8.2680

Sweetspot

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



175.5330, -9.3510, -12.2550



238.5110, -3.1170, -4.0850



181.1280, 5.0910, -9.6690



119.7500, -2.2920, -2.5160



250.0000, 0.0000, 0.0000



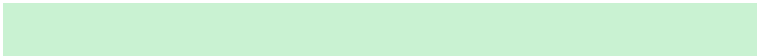
122.0000, 0.0000, -0.0000

Same Dimension

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



175.5330, -9.3510, -12.2550



226.0930, -14.1640, -18.6440



177.0150, -13.5240, -8.2120



88.5110, -3.1170, -4.0850



95.5620, -54.1350, -70.7030



17.1200, -9.6260, -12.7780

Inverse Universe

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



169.4670, 9.3510, 12.2550



216.9070, 14.1640, 18.6440



167.9850, 13.5240, 8.2120



86.4890, 3.1170, 4.0850



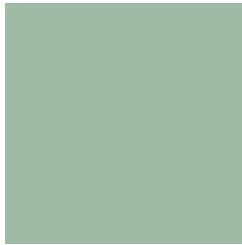
60.4380, 54.1350, 70.7030



10.8800, 9.6260, 12.7780

Previews

White Background



This preview shows how the YIQ color 175.5330, -9.3510, -12.2550 looks on a white background.

Color Contrast Check

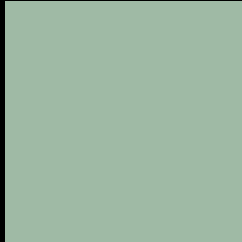
Large Text (above 18pt) WCAG AA × Fail

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 175.5330, -9.3510, -12.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

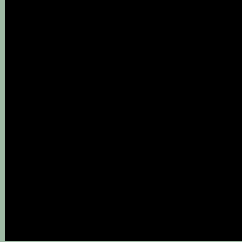
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.5330, -9.3510, -12.2550

Background



This preview shows how black text looks on a background with the YIQ color 175.5330, -9.3510, -12.2550.



This preview shows how white text looks on a background with the YIQ color 175.5330, -9.3510,

-12.2550.

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

175.5330, -9.3510, -12.2550

Protanopia

178.4540, 10.2250, -3.5910

Deuteranopia

180.5030, 17.6970, 4.1690



Tritanopia

178.2140, -15.2220, 0.5380

Trichromacy



Original Color

175.5330, -9.3510, -12.2550

Protanomaly

177.3390, 3.1190, -6.9690

Deuteranomaly

178.8390, 7.7030, -1.9370

Tritanomaly

176.9490, -13.1580, -3.8300

Monochromacy



Original Color

175.5330, -9.3510, -12.2550

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.0980, -3.3920, -4.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.5330, -9.3510, -12.2550 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, 186, 165)` looks like.

```
.text, #text, p{  
    color:rgb(159, 186, 165)  
}
```

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, 186, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 186, 165) }
```

Border

The CSS property to change the border of an element to YIQ 175.5330, -9.3510, -12.2550 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, 186, 165) }
```


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

```
.border{ border-color:rgb(159, 186, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 186, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 186, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 186, 165);  
box-shadow:4px 4px 4px 4px rgb(159, 186,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 175.5330, -9.3510, -12.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 186, 165) }
```

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

```
.background{ background-color: rgb(159,  
186, 165) }
```

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