

# Converting Colors

YIQ(175.3350, -8.2530, 0.8910)

Have a look what the booklet for  
YIQ(175.3350, -8.2530, 0.8910)  
contains.

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# Color

**YIQ(175.3350, -8.2530,  
0.8910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8B1BA
RGB	168, 177, 186
RGB Percent	66%, 69%, 73%
CMY	0.3412, 0.3059, 0.2706
CMYK	0.10, 0.05, 0.00, 0.27
HSL	210°, 12%, 69%
HSV	210°, 10%, 73%
XYZ	40.7323, 43.3149, 52.6625
YIQ	175.3350, -8.2530, 0.8910

# Conversions

## Conversions Part 2

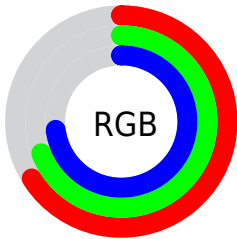
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 174, 186
Decimal	11055546
CIE <sub>Lab</sub>	71.77, -1.34, -5.67
CIE <sub>LCh</sub>	72, 5.825, 256.660
Yxy	43.3149, 0.2979, 0.3168
Android (android.graphics.Color)	4289245626 (0xFFA8B1BA)
YUV	175.3350, 5.2578, -6.4328
Hunter-Lab	65.8141, -4.7009, -1.3723

# Details

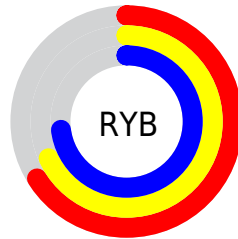
The YIQ color  $175.3350, -8.2530, 0.8910$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $178.6650, 8.2530, -0.8910$ , and the grayscale version is  $175.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $231.0360, -8.8490, 0.6790$ , and  $122.6340, -7.6570, 1.1030$  is the 20% darker color. If you saturate the color by 10%, you get  $164.3710, -17.1020, 1.5700$ , and if you desaturate by 10%, it is  $186.2990, 0.5960, 0.2120$ .

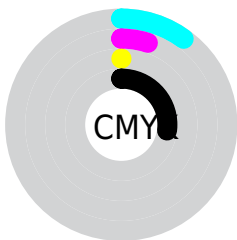
# Distribution



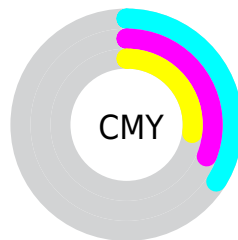
- Red (66%)
- Green (69%)
- Blue (73%)



- Red (66%)
- Yellow (68%)
- Blue (73%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (31%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 175.3350, -8.2530, 0.8910 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 175.3350, -8.2530, 0.8910 by changing the saturation by 10% instead.



■ 175.3350, -8.2530,  
0.8910

■ 175.3350, -8.2530,  
0.8910

■ 255.0000, -0.0000,  
-0.0000

■ 148.6340, -7.6570,  
1.1030

■ 231.0360, -8.8490,  
0.6790

■ 122.6340, -7.6570,  
1.1030

■ 254.1030, -1.7880,  
-0.6360

■ 98.2210, -7.9320,  
0.5800

■ 74.4060, -7.0150,  
0.4810

■ 51.4060, -7.0150,  
0.4810

■ 30.4060, -7.0150,  
0.4810

■ 6.7480, -7.9780,

1.4140

■ 0.0000, 0.0000,  
0.0000

■ 175.3350, -8.2530,  
0.8910

■ 175.3350, -8.2530,  
0.8910

■ 164.3710,  
-17.1020, 1.5700

■ 186.2990, 0.5960,  
0.2120

■ 153.1190,  
-25.0800, 2.9840

■ 197.5510, 8.5740,  
-1.2020

■ 142.1550,  
-33.9290, 3.6630

■ 208.5150, 17.4230,  
-1.8810

■ 131.4900,  
-42.1820, 4.5540

■ 219.1800, 25.6760,  
-2.7720

■ 120.5260,  
-51.0310, 5.2330

■ 228.3500, 30.9490,  
-4.7230

■ 108.9750,  
-59.6050, 6.4350

■ 234.2200, 28.1990,  
-9.9530

■ 98.3100, -67.8580,  
7.3260

■ 239.5030, 25.7240,  
-14.6600

■ 87.3460, -76.7070,  
8.0050

■ 244.7860, 23.2490,  
-19.3670

■ 76.0940, -84.6850,  
9.4190

■ 247.1340, 22.1490,  
-21.4590

# Harmonies

## Analogous

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



174.3840, -9.9490, -1.4130



175.3350, -8.2530, 0.8910



175.9550, -4.1270, 3.2090

# Triad

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



175.3350, -8.2530, 0.8910



176.8980, 9.2150, 3.7030



174.7670, -0.9620, -4.5940

# Complementary

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



175.3350, -8.2530, 0.8910



178.6650, 8.2530, -0.8910

# 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.



175.1590, 3.8060, -2.8980



175.3350, -8.2530, 0.8910



176.6160, 9.9490, 1.4130

# Square

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



175.3350, -8.2530, 0.8910



177.1580, 5.5470, 4.0990



176.3660, 7.6570, -1.1030



174.4290, -5.8220, -4.6220



# Rectangle

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



175.3350, -8.2530, 0.8910



176.3360, -0.8260, 3.9580



176.3660, 7.6570, -1.1030



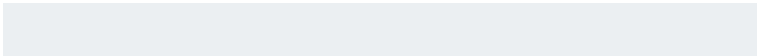
174.6640, 0.8260, -3.9580

# Sweetspot

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



175.3350, -8.2530, 0.8910



238.1460, -3.3470, 0.0850



179.5920, -7.8390, -6.6150



119.6300, -1.8340, 0.1980



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.



175.3350, -8.2530, 0.8910



225.1110, -13.4340, 1.1740



170.0520, -5.7780, 5.5980



86.3740, -3.9890, 0.7070



63.5700, -71.5260, 7.7220



11.4100, -12.8380, 1.3860



# Inverse Universe

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



174.4080, 7.8390, 6.6150



223.3810, 12.4690, 10.8130



183.9480, 5.7780, -5.5980



86.1470, 4.0800, 3.1520



55.5360, 67.9380, 57.3300

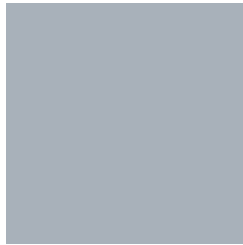


9.9680, 12.1940, 10.2900



# Previews

## White Background



This preview shows how the YIQ color 175.3350, -8.2530, 0.8910 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

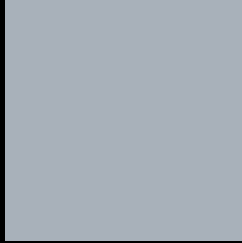
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 175.3350, -8.2530, 0.8910 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

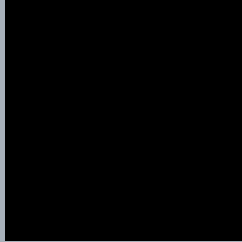
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

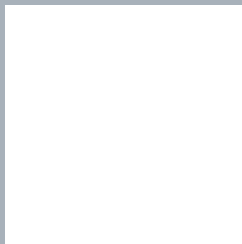
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 175.3350, -8.2530, 0.8910**

## **Background**



This preview shows how black text looks on a background with the YIQ color 175.3350, -8.2530, 0.8910.



This preview shows how white text looks on a background with the YIQ color 175.3350, -8.2530,

0.8910.

# 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

175.3350, -8.2530, 0.8910

### Protanopia

176.4390, -2.6140, 3.3220

### Deuteranopia

177.6080, 4.4000, 8.3680



## **Tritanopia**

175.5030, -8.6660, 2.8700

# Trichromacy



## Original Color

175.3350, -8.2530, 0.8910

## Protanomaly

176.1290, -4.6770, 2.1630

## Deuteranomaly

176.6890, -0.3220, 5.8380

## Tritanomaly

175.3890, -8.3450, 2.5590

# Monochromacy



## Original Color

175.3350, -8.2530, 0.8910

## Achromatopsia

175.0000, -0.0000, -0.0000

## Achromatomaly

175.1460, -3.3470, 0.0850

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 175.3350, -8.2530, 0.8910 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(168, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(168, 177, 186)  
}
```

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(168, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 177, 186) }
```

## Border

The CSS property to change the border of an element to YIQ 175.3350, -8.2530, 0.8910 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(168, 177, 186) }
```



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

```
.border{ border-color:rgb(168, 177, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 177, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(168, 177,  
186) }
```

# Background

The CSS property to change the background color of an element to YIQ 175.3350, -8.2530, 0.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 177, 186) }
```

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

```
.background{ background-color: rgb(168,  
177, 186) }
```

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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