

# Converting Colors

`RYB(169, 188, 189)`

Have a look what the booklet for RYB(169, 188, 189) contains.

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# **Color**

**R<sub>Y</sub>B(169, 188, 189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9BDAA
RGB	169, 189, 170
RGB Percent	66%, 74%, 67%
CMY	0.3373, 0.2588, 0.3331
CMYK	0.11, 0.00, 0.10, 0.26
HSL	123°, 13%, 70%
HSV	123°, 11%, 74%
XYZ	41.8205, 47.7345, 45.0658
YIQ	180.8540, -5.8210, -10.1490

# Conversions

## Conversions Part 2

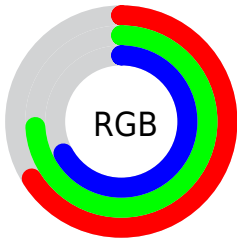
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 188, 189
Decimal	11124138
CIELab	74.66, -10.47, 7.26
CIELCh	75, 12.739, 145.269
Yxy	47.7345, 0.3107, 0.3546
Android (android.graphics.Color)	4289314218 (0xFFA9BDAA)
YUV	180.8540, -5.3510, -10.3960
Hunter-Lab	69.0901, -12.8612, 9.6897

# Details

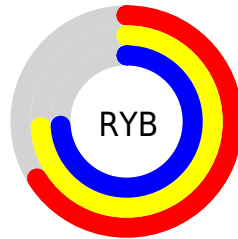
The RYB color **169, 188, 189** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **189, 169, 188**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **224, 244, 245**, and **117, 135, 136** is the 20% darker color. If you saturate the color by 10%, you get **150, 187, 189**, and if you desaturate by 10%, it is **188, 189, 189**.

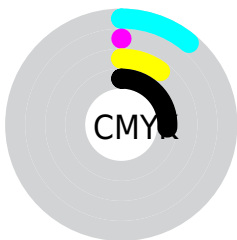
# Distribution



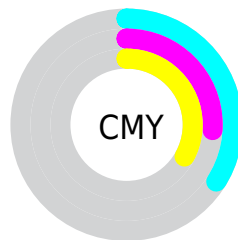
- Red (66%)
- Green (74%)
- Blue (67%)



- Red (66%)
- Yellow (74%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)



- Cyan (34%)
- Magenta (26%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 169, 188, 189 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 RYB color 169, 188, 189 by changing the saturation by 10% instead.




 169, 188, 189

255, 255, 255


 224, 244, 245

253, 254, 255

 169, 188, 189

 142, 160, 162

 117, 135, 136

 92, 109, 110

 68, 84, 86

 46, 62, 63


 25, 40, 41

 0, 21, 21


 0, 0, 0

 169, 188, 189


 169, 188, 189

 150, 187, 189


 188, 189, 189

 131, 186, 189


 207, 189, 206

 112, 185, 189


 226, 189, 224


 93, 184, 189


 245, 189, 242

 74, 182, 189

 255, 189, 255

 56, 182, 189

 37, 181, 189

 18, 180, 189

 0, 180, 189

# Harmonies

## Analogous

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



162, 186, 166



169, 188, 189



158, 177, 191

# Triad

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



169, 188, 189



169, 180, 207



209, 176, 174

# Complementary

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



169, 188, 189



189, 169, 188

# 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.



206, 176, 186



169, 188, 189



184, 181, 205

# Square

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



169, 188, 189



158, 176, 202



197, 178, 197



205, 187, 165

# Rectangle

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



169, 188, 189



155, 174, 191



197, 178, 197



209, 176, 178

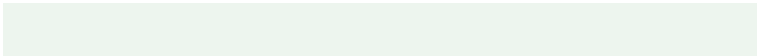


# Sweetspot

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



169, 188, 189



237, 244, 245



169, 189, 170



118, 122, 122



250, 250, 250



122, 122, 122

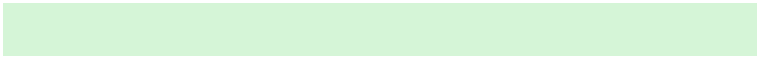


# Same Dimension

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



169, 188, 189



213, 243, 245



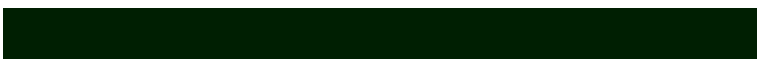
169, 182, 189



85, 94, 94



0, 150, 158



0, 29, 31



# Inverse Universe

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



189, 169, 188



245, 213, 243



189, 169, 178



94, 85, 94



158, 0, 150

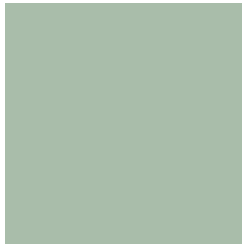


31, 0, 29



# Previews

## White Background



This preview shows how the RYB color 169, 188, 189 looks on a white background.

## Color Contrast Check

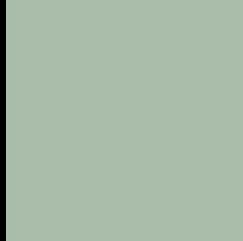
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RYB color 169, 188, 189 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

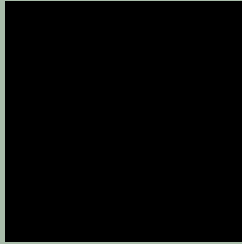
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

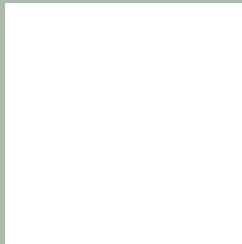
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 169, 188, 189 Background



This preview shows how black text looks on a background with the RYB color 169, 188, 189.



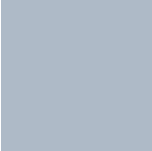
This preview shows how white text looks on a background with the RYB color 169, 188, 189.

# 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





# Tritanopia

174, 182, 199

# Trichromacy



**Original Color**

169, 188, 189

**Protanomaly**

168, 185, 170

**Deuteranomaly**

192, 190, 171

**Tritanomaly**

172, 179, 188

# Monochromacy



**Original Color**

169, 188, 189

**Achromatopsia**

181, 181, 181

**Achromatomaly**

177, 184, 184

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 169, 188, 189 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(169, 189, 170)` looks like.

```
.text, #text, p{  
    color:rgb(169, 189, 170)  
}
```

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(169, 189, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 189, 170) }
```

## Border

The CSS property to change the border of an element to RYB 169, 188, 189 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(169, 189, 170) }
```

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

```
.border{ border-color:rgb(169, 189, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 189, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 189, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 189, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 189,  
170) }
```

# Background

The CSS property to change the background color of an element to RYB 169, 188, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 189, 170) }
```

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

```
.background{ background-color: rgb(169,  
189, 170) }
```

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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