

Converting Colors

`RYB(170, 189, 189)`

Have a look what the booklet for
RYB(170, 189, 189) contains.

RYB(170, 189, 189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(170, 189, 189)

Conversions

Conversions Part 1

Format	Color
Hex	AABDAA
RGB	170, 189, 170
RGB Percent	67%, 74%, 67%
CMY	0.3333, 0.2588, 0.3333
CMYK	0.10, 0.00, 0.10, 0.26
HSL	120°, 13%, 70%
HSV	120°, 10%, 74%
XYZ	42.0309, 47.8435, 45.0497
YIQ	181.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

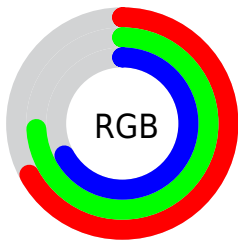
Format	Color
RYB	170, 189, 189
Decimal	11189674
CIELab	74.73, -10.13, 7.39
CIELCh	75, 12.541, 143.872
Yxy	47.8435, 0.3115, 0.3546
Android (android.graphics.Color)	4289379754 (0xFFAABDAA)
YUV	181.1530, -5.4984, -9.7812
Hunter-Lab	69.1690, -12.5794, 9.8028

Details

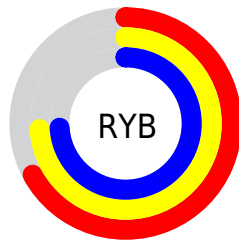
The RYB color **170, 189, 189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 170, 189**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **225, 245, 245**, and **118, 136, 136** is the 20% darker color. If you saturate the color by 10%, you get **151, 189, 189**, and if you desaturate by 10%, it is **189, 189, 189**.

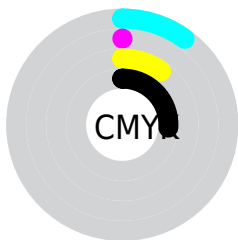
Distribution



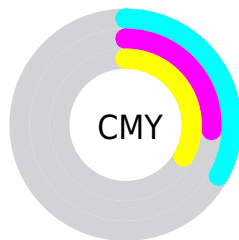
- Red (67%)
- Green (74%)
- Blue (67%)



- Red (67%)
- Yellow (74%)
- Blue (74%)



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




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

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 189, 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 170, 189, 189 by changing the saturation by 10% instead.

 170, 189, 189

255, 255, 255


 225, 245, 245

254, 255, 255

 170, 189, 189

 143, 161, 162

 118, 136, 136

 93, 110, 110


 69, 85, 86

 47, 63, 63


 26, 41, 41

 0, 21, 21


 0, 0, 0


 170, 189, 189

 170, 189, 189

 151, 189, 189


 189, 189, 189

 132, 189, 189


 208, 189, 208


 113, 189, 189


 227, 189, 227


 94, 189, 189


 246, 189, 246

 75, 189, 189

 255, 189, 255

 57, 189, 189

 38, 189, 189

 19, 189, 189

 0, 189, 189

Harmonies

Analogous

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



163, 186, 166



170, 189, 189



159, 178, 191

Triad

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



170, 189, 189



169, 181, 206



209, 176, 175

Complementary

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



170, 189, 189



189, 170, 189

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, 187



170, 189, 189



183, 182, 205

Square

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



170, 189, 189



158, 176, 202



197, 178, 198



205, 186, 166

Rectangle

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



170, 189, 189



155, 174, 191



197, 178, 198



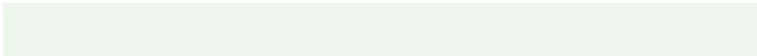
209, 176, 179

Sweetspot

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



170, 189, 189



237, 245, 245



170, 189, 170



118, 122, 122



250, 250, 250



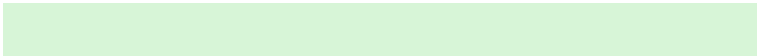
122, 122, 122

Same Dimension

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



170, 189, 189



215, 245, 245



170, 183, 189



85, 94, 94



0, 158, 158



0, 31, 31

Inverse Universe

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



189, 170, 189



245, 215, 245



189, 170, 179



94, 85, 94



158, 0, 158



31, 0, 31

Previews

White Background



This preview shows how the RYB color 170, 189, 189 looks on a white background.

Color Contrast Check

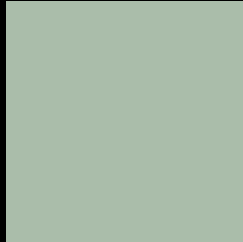
Large Text (above 18pt) WCAG AA × Fail

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 170, 189, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

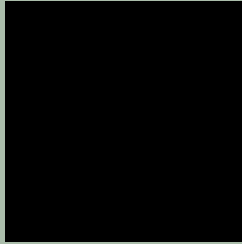
Any Text WCAG AA ✓ Pass

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 170, 189, 189 Background



This preview shows how black text looks on a background with the RYB color 170, 189, 189.

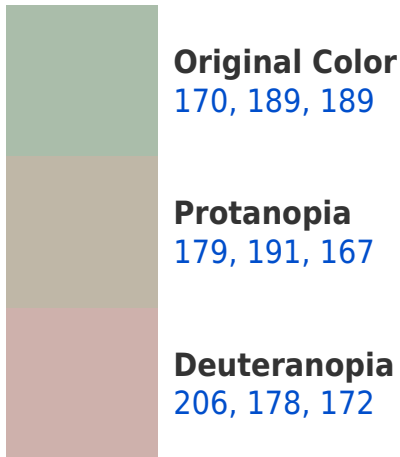


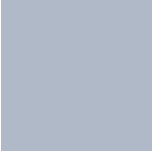
This preview shows how white text looks on a background with the RYB color 170, 189, 189.

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](#).

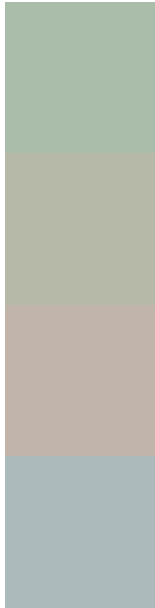
Dichromacy





Tritanopia
175, 182, 199

Trichromacy



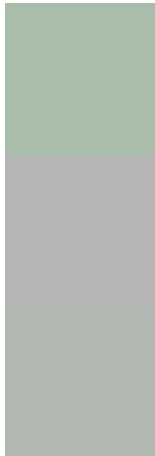
Original Color
170, 189, 189

Protanomaly
168, 185, 170

Deuteranomaly
193, 189, 171

Tritanomaly
173, 180, 188

Monochromacy



Original Color
170, 189, 189

Achromatopsia
181, 181, 181

Achromatomaly
177, 184, 184

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(170, 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(170, 189, 170) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(170, 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(170, 189, 170)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RYB 170, 189, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(170,  
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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