

Converting Colors

`RYB(174, 188, 181)`

Have a look what the booklet for
RYB(174, 188, 181) contains.

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Color

R_YB(174, 188, 181)

Conversions

Conversions Part 1

Format	Color
Hex	B5BCAE
RGB	181, 188, 174
RGB Percent	71%, 74%, 68%
CMY	0.2902, 0.2627, 0.3176
CMYK	0.04, 0.00, 0.07, 0.26
HSL	90°, 9%, 71%
HSV	90°, 7%, 74%
XYZ	44.6793, 48.8462, 47.1178
YIQ	184.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

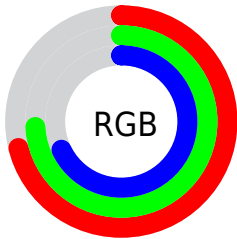
Format	Color
RYB	174, 188, 181
Decimal	11910318
CIELab	75.36, -5.00, 6.23
CIELCh	75, 7.993, 128.759
Yxy	48.8462, 0.3177, 0.3473
Android (android.graphics.Color)	4290100398 (0xFFB5BCAE)
YUV	184.3110, -5.0833, -2.9037
Hunter-Lab	69.8900, -8.1962, 8.9515

Details

The RYB color **174, 188, 181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181, 174, 188**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **229, 244, 236**, and **122, 135, 129** is the 20% darker color. If you saturate the color by 10%, you get **155, 188, 171**, and if you desaturate by 10%, it is **190, 188, 193**.

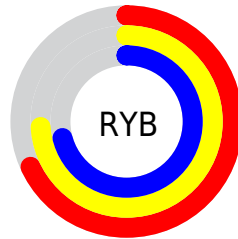
Distribution



Red (71%)

Green (74%)

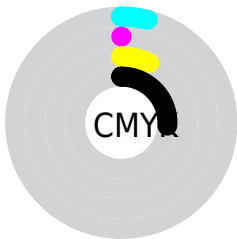
Blue (68%)



Red (68%)

Yellow (74%)

Blue (71%)

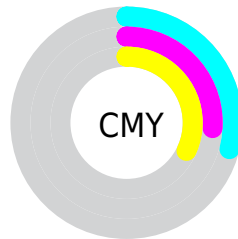


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 188, 181 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 174, 188, 181 by changing the saturation by 10% instead.

■ 174, 188, 181

255, 255, 255

■ 229, 244, 236

■ 174, 188, 181

■ 147, 161, 154

■ 122, 135, 129

■ 97, 110, 104

■ 73, 85, 79

■ 51, 62, 57

■ 30, 40, 35


■ 4, 20, 11


■ 0, 0, 0


■ 174, 188, 181


■ 174, 188, 181

 155, 188, 171


 190, 188, 193


 136, 188, 162


 200, 188, 212


 118, 188, 153


 209, 188, 230

 99, 188, 144


 219, 188, 249

 80, 188, 134


 228, 188, 255

 61, 188, 124


 237, 188, 255

 42, 188, 115

 247, 188, 255

 24, 188, 106

 255, 188, 255

 5, 188, 97

Harmonies

Analogous

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



176, 190, 171



174, 188, 181



173, 185, 190

Triad

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



174, 188, 181



173, 183, 199



201, 181, 184

Complementary

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



174, 188, 181



181, 174, 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.



197, 181, 191



174, 188, 181



181, 184, 200

Square

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



174, 188, 181



168, 180, 194



190, 183, 197



201, 182, 177

Rectangle

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



174, 188, 181



170, 181, 190



190, 183, 197



201, 181, 186

Sweetspot

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



174, 188, 181



240, 245, 243



188, 188, 174



120, 122, 121



250, 250, 250



122, 122, 122

Same Dimension

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



174, 188, 181



223, 245, 234



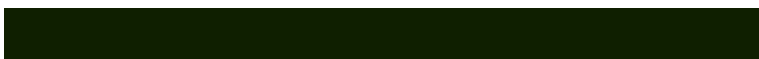
174, 188, 188



85, 94, 89



0, 158, 79



0, 31, 16

Inverse Universe

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



181, 174, 188



234, 223, 245



188, 174, 188



90, 85, 94



79, 0, 158



15, 0, 31

Previews

White Background



This preview shows how the RYB color 174, 188, 181 looks on a white background.

Color Contrast Check

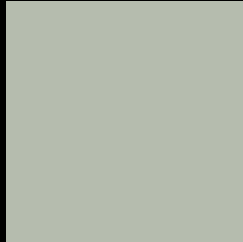
Large Text (above 18pt) WCAG AA × Fail

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 174, 188, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

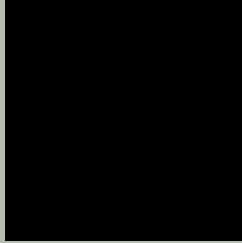
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

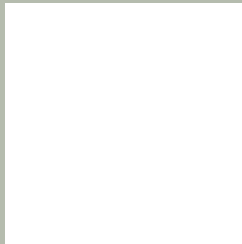
Any Text WCAG AAA ✓ Pass

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

RYB 174, 188, 181 Background



This preview shows how black text looks on a background with the RYB color 174, 188, 181.



This preview shows how white text looks on a background with the RYB color 174, 188, 181.

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
[174, 188, 181](#)

Protanopia
[183, 192, 172](#)

Deuteranopia
[207, 179, 176](#)



Tritanopia
185, 184, 199

Trichromacy



Original Color

174, 188, 181

Protanomaly

175, 188, 173

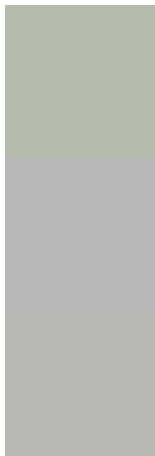
Deuteranomaly

198, 185, 175

Tritanomaly

184, 185, 190

Monochromacy



Original Color

174, 188, 181

Achromatopsia

184, 184, 184

Achromatomaly

180, 185, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 188, 181 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(181, 188, 174)` looks like.

```
.text, #text, p{  
    color:rgb(181, 188, 174)  
}
```

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(181, 188, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 188, 174) }
```

Border

The CSS property to change the border of an element to RYB 174, 188, 181 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(181, 188, 174) }
```

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

```
.border{ border-color:rgb(181, 188, 174) }
```

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

Here you see how a box with a 4 pixel rgb(181, 188, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 188, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 188, 174);  
box-shadow:4px 4px 4px 4px rgb(181, 188,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 174, 188, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 188, 174) }
```

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

```
.background{ background-color: rgb(181,  
188, 174) }
```

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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