

Converting Colors

`RYB(174, 186, 181)`

Have a look what the booklet for
RYB(174, 186, 181) contains.

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Color

R_YB(174, 186, 181)

Conversions

Conversions Part 1

Format	Color
Hex	B3BAAE
RGB	179, 186, 174
RGB Percent	70%, 73%, 68%
CMY	0.2980, 0.2706, 0.3176
CMYK	0.04, 0.00, 0.06, 0.27
HSL	95°, 8%, 71%
HSV	95°, 6%, 73%
XYZ	43.7893, 47.7575, 46.9546
YIQ	182.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

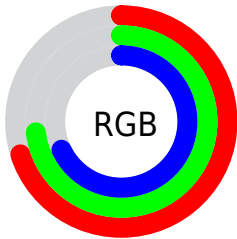
Format	Color
RYB	174, 186, 181
Decimal	11778734
CIELab	74.67, -4.66, 5.23
CIELCh	75, 7.001, 131.678
Yxy	47.7575, 0.3162, 0.3448
Android (android.graphics.Color)	4289968814 (0xFFB3BAAE)
YUV	182.5390, -4.2097, -3.1037
Hunter-Lab	69.1068, -7.8310, 8.0902

Details

The RYB color **174, 186, 181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181, 174, 186**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **229, 242, 236**, and **122, 133, 129** is the 20% darker color. If you saturate the color by 10%, you get **155, 186, 173**, and if you desaturate by 10%, it is **190, 186, 193**.

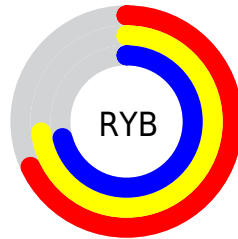
Distribution



Red (70%)

Green (73%)

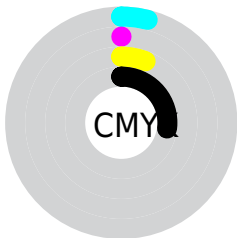
Blue (68%)



Red (68%)

Yellow (73%)

Blue (71%)

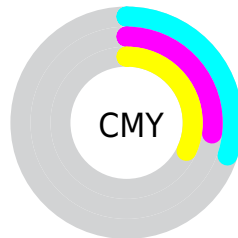


Cyan (4%)

Magenta (0%)

Yellow (6%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 186, 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, 186, 181 by changing the saturation by 10% instead.

■ 174, 186, 181

255, 255, 255

■ 229, 242, 236

■ 174, 186, 181

■ 147, 159, 154

■ 122, 133, 129

■ 97, 108, 104

■ 73, 83, 79

■ 51, 60, 56

■ 30, 39, 36


■ 4, 18, 11


■ 0, 0, 0


■ 174, 186, 181

■ 174, 186, 181

 155, 186, 173


 190, 186, 193


 137, 186, 166


 201, 186, 211

 118, 186, 158


 212, 186, 230

 100, 186, 150


 222, 186, 248

 81, 186, 142


 233, 186, 255

 62, 186, 134

 244, 186, 255

 44, 186, 127

 255, 186, 255

 25, 186, 119

 7, 186, 112

Harmonies

Analogous

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



175, 187, 171



174, 186, 181



172, 182, 187

Triad

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



174, 186, 181



173, 181, 196



198, 179, 181

Complementary

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



174, 186, 181



181, 174, 186

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.



195, 180, 188



174, 186, 181



180, 183, 196

Square

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



174, 186, 181



169, 179, 192



188, 181, 193



197, 181, 175

Rectangle

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



174, 186, 181



169, 180, 188



188, 181, 193



197, 179, 184

Sweetspot

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



174, 186, 181



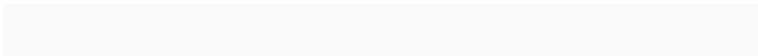
237, 242, 240



183, 186, 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, 186, 181



223, 242, 234



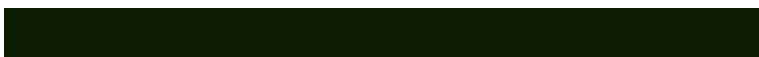
174, 185, 186



83, 92, 89



0, 156, 91



0, 28, 16

Inverse Universe

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



181, 174, 186



234, 223, 242



186, 174, 185



88, 83, 92



91, 0, 156



16, 0, 28

Previews

White Background



This preview shows how the RYB color 174, 186, 181 looks on a white background.

Color Contrast Check

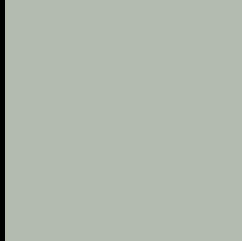
Large Text (above 18pt) WCAG AA × Fail

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, 186, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

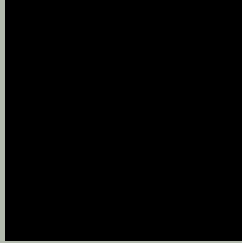
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

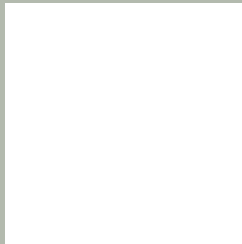
Any Text WCAG AAA ✓ Pass

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

R/Y/B 174, 186, 181 Background



This preview shows how black text looks on a background with the R/Y/B color 174, 186, 181.



This preview shows how white text looks on a background with the R/Y/B color 174, 186, 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](#).

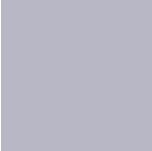
Dichromacy



Original Color
174, 186, 181

Protanopia
183, 190, 172

Deuteranopia
204, 177, 176



Tritanopia
183, 183, 197

Trichromacy



Original Color

174, 186, 181

Protanomaly

175, 186, 173

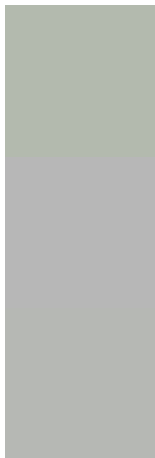
Deuteranomaly

195, 182, 175

Tritanomaly

182, 184, 189

Monochromacy



Original Color

174, 186, 181

Achromatopsia

183, 183, 183

Achromatomaly

180, 184, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 186, 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(179, 186, 174) looks like.

```
.text, #text, p{  
    color:rgb(179, 186, 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(179, 186, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 186, 174) }
```

Border

The CSS property to change the border of an element to RYB 174, 186, 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(179, 186, 174) }
```

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

```
.border{ border-color:rgb(179, 186, 174) }
```

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

Here you see how a box with a 4 pixel rgb(179, 186, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 186, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 186, 174);  
box-shadow:4px 4px 4px 4px rgb(179, 186,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 174, 186, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 186, 174) }
```

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

```
.background{ background-color: rgb(179,  
186, 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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