

Converting Colors

`RYB(162, 189, 174)`

Have a look what the booklet for RYB(162, 189, 174) contains.

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Color

R_YB(162, 189, 174)

Conversions

Conversions Part 1

Format	Color
Hex	B1BDA2
RGB	177, 189, 162
RGB Percent	69%, 74%, 64%
CMY	0.3059, 0.2588, 0.3647
CMYK	0.06, 0.00, 0.14, 0.26
HSL	87°, 17%, 69%
HSV	87°, 14%, 74%
XYZ	42.8506, 48.3509, 41.2566
YIQ	182.3340, 1.5150, -10.9410

Conversions

Conversions Part 2

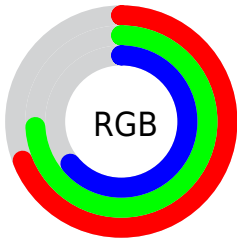
Format	Color
RYB	162, 189, 174
Decimal	11648418
CIELab	75.05, -9.05, 12.25
CIELCh	75, 15.229, 126.443
Yxy	48.3509, 0.3235, 0.3650
Android (android.graphics.Color)	4289838498 (0xFFB1BDA2)
YUV	182.3340, -10.0247, -4.6779
Hunter-Lab	69.5348, -11.6859, 13.4963

Details

The RYB color **162, 189, 174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174, 162, 189**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **217, 245, 229**, and **110, 136, 122** is the 20% darker color. If you saturate the color by 10%, you get **143, 189, 163**, and if you desaturate by 10%, it is **181, 189, 185**.

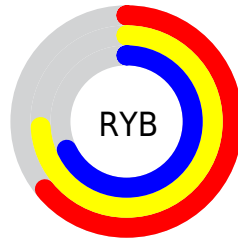
Distribution



Red (69%)

Green (74%)

Blue (64%)



Red (64%)

Yellow (74%)

Blue (68%)

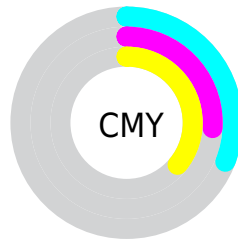


Cyan (6%)

Magenta (0%)

Yellow (14%)

Black (26%)



Cyan (31%)

Magenta (26%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 189, 174 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 162, 189, 174 by changing the saturation by 10% instead.

 162, 189, 174


255, 255, 255


 217, 245, 229

 245, 255, 245


 162, 189, 174

 136, 162, 148

 110, 136, 122

 86, 110, 97

 63, 86, 74


 41, 63, 52

 20, 41, 30


 0, 21, 16

 0, 0, 0

 162, 189, 174

 162, 189, 174


 143, 189, 163


 181, 189, 185


 124, 189, 153


 194, 189, 200

 105, 189, 142


 202, 189, 219

 86, 189, 132

 211, 189, 238


 68, 189, 122


 219, 189, 255

 49, 189, 111


 227, 189, 255

 30, 189, 101

 236, 189, 255

 11, 189, 90

 244, 189, 255

 0, 189, 84

 253, 189, 255

Harmonies

Analogous

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



167, 193, 157



162, 189, 174



162, 184, 192

Triad

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



162, 189, 174



157, 177, 210



214, 175, 182

Complementary

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



162, 189, 174



174, 162, 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, 177, 196



162, 189, 174



173, 182, 212

Square

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



162, 189, 174



149, 173, 201



191, 180, 207



214, 179, 169

Rectangle

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



162, 189, 174



154, 177, 193



191, 180, 207



212, 175, 187

Sweetspot

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



162, 189, 174



235, 245, 240



189, 184, 162



116, 122, 118



250, 250, 250



122, 122, 122

Same Dimension

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



162, 189, 174



203, 245, 222



162, 189, 187



85, 94, 89



0, 158, 70



0, 31, 14

Inverse Universe

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



174, 162, 189



222, 203, 245



187, 162, 189



89, 85, 94



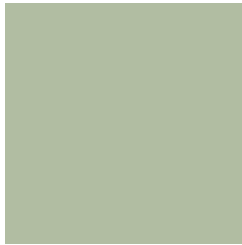
70, 0, 158



14, 0, 31

Previews

White Background



This preview shows how the RYB color 162, 189, 174 looks on a white background.

Color Contrast Check

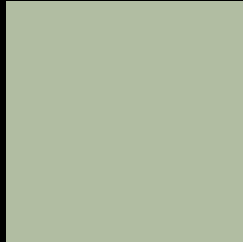
Large Text (above 18pt) WCAG AA × Fail

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 162, 189, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

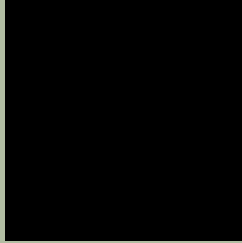
Any Text WCAG AA ✓ Pass

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 162, 189, 174 Background



This preview shows how black text looks on a background with the RYB color 162, 189, 174.




This preview shows how white text looks on a background with the RYB color 162, 189, 174.

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](#).

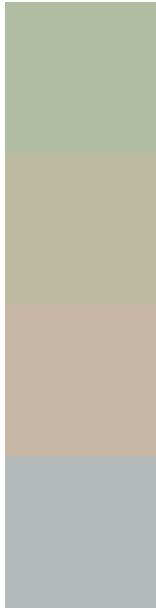
Dichromacy





Tritanopia
182, 184, 198

Trichromacy



Original Color

162, 189, 174

Protanomaly

162, 188, 160

Deuteranomaly

192, 198, 163

Tritanomaly

180, 183, 186

Monochromacy



Original Color

162, 189, 174

Achromatopsia

182, 182, 182

Achromatomaly

175, 185, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 189, 174 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(177, 189, 162) looks like.

```
.text, #text, p{  
    color:rgb(177, 189, 162)  
}
```

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(177, 189, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 189, 162) }
```

Border

The CSS property to change the border of an element to RYB 162, 189, 174 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(177, 189, 162) }
```

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

```
.border{ border-color:rgb(177, 189, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 189, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 189, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 189, 162);  
box-shadow:4px 4px 4px 4px rgb(177, 189,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 162, 189, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 189, 162) }
```

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

```
.background{ background-color: rgb(177,  
189, 162) }
```

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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