

Converting Colors

`RYB(162, 181, 168)`

Have a look what the booklet for
RYB(162, 181, 168) contains.

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Color

R_YB(162, 181, 168)

Conversions

Conversions Part 1

Format	Color
Hex	AFB5A2
RGB	175, 181, 162
RGB Percent	69%, 71%, 64%
CMY	0.3137, 0.2902, 0.3647
CMYK	0.03, 0.00, 0.10, 0.29
HSL	79°, 11%, 67%
HSV	79°, 10%, 71%
XYZ	40.7247, 44.7703, 40.6775
YIQ	177.0400, 2.5230, -7.1810

Conversions

Conversions Part 2

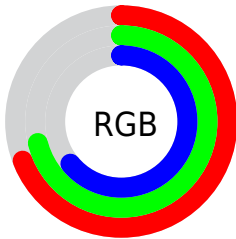
Format	Color
RYB	162, 181, 168
Decimal	11515298
CIELab	72.74, -5.56, 8.96
CIElCh	73, 10.541, 121.822
Yxy	44.7703, 0.3228, 0.3548
Android (android.graphics.Color)	4289705378 (0xFFAFB5A2)
YUV	177.0400, -7.4147, -1.7891
Hunter-Lab	66.9106, -8.4510, 10.7928

Details

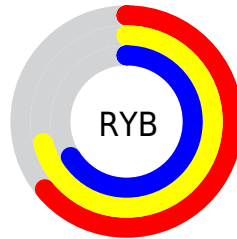
The RYB color **162, 181, 168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **168, 162, 181**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **217, 237, 223**, and **110, 128, 115** is the 20% darker color. If you saturate the color by 10%, you get **144, 181, 156**, and if you desaturate by 10%, it is **180, 181, 180**.

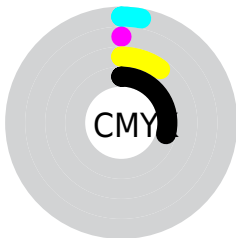
Distribution



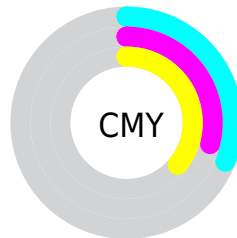
- Red (69%)
- Green (71%)
- Blue (64%)



- Red (64%)
- Yellow (71%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 181, 168 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, 181, 168 by changing the saturation by 10% instead.

 162, 181, 168


255, 255, 255

 217, 237, 223


 245, 255, 245


 162, 181, 168


 136, 154, 142


 110, 128, 115

 86, 103, 91

 63, 79, 68


 41, 56, 46


 20, 35, 25


 0, 14, 13


 0, 0, 0


 162, 181, 168

 162, 181, 168


 144, 181, 156


 180, 181, 180

 126, 181, 143


 186, 181, 198


 108, 181, 131

 192, 181, 216

 90, 181, 119

 198, 181, 234

 71, 181, 106

 204, 181, 253


 53, 181, 93


 209, 181, 255


 35, 181, 81

 215, 181, 255

 17, 181, 69

 221, 181, 255

 0, 181, 57

 226, 181, 255

Harmonies

Analogous

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



170, 186, 159



162, 181, 168



164, 179, 183

Triad

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



162, 181, 168



159, 173, 195



198, 172, 178

Complementary

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



162, 181, 168



168, 162, 181

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.



192, 173, 188



162, 181, 168



169, 176, 198

Square

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



162, 181, 168



155, 170, 188



181, 176, 195



199, 174, 169

Rectangle

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



162, 181, 168



159, 174, 184



181, 176, 195



197, 172, 181

Sweetspot

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



162, 181, 168



228, 235, 231



181, 171, 162



113, 117, 114



245, 245, 245



117, 117, 117

Same Dimension

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



162, 181, 168



204, 235, 214



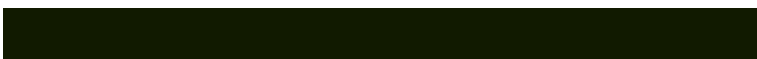
162, 181, 177



80, 89, 83



0, 153, 48



0, 26, 9

Inverse Universe

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



168, 162, 181



214, 204, 235



177, 162, 181



83, 80, 89



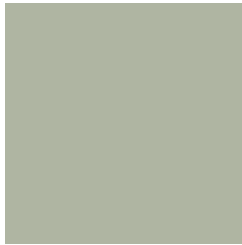
48, 0, 153



8, 0, 26

Previews

White Background



This preview shows how the RYB color 162, 181, 168 looks on a white background.

Color Contrast Check

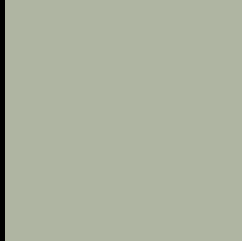
Large Text (above 18pt) WCAG AA × Fail

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, 181, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

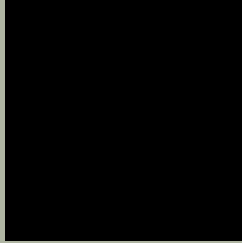
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

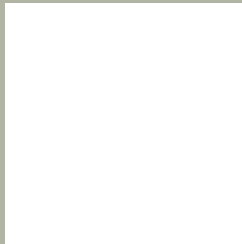
Any Text WCAG AAA ✓ Pass

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

RGB 162, 181, 168 Background



This preview shows how black text looks on a background with the RGB color 162, 181, 168.



This preview shows how white text looks on a background with the RGB color 162, 181, 168.

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
179, 177, 191

Trichromacy



Original Color

162, 181, 168

Protanomaly

165, 182, 161

Deuteranomaly

192, 183, 163

Tritanomaly

178, 178, 180

Monochromacy



Original Color

162, 181, 168

Achromatopsia

177, 177, 177

Achromatomaly

172, 178, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 181, 168 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(175, 181, 162) looks like.

```
.text, #text, p{  
    color:rgb(175, 181, 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(175, 181, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 181, 162) }
```

Border

The CSS property to change the border of an element to RYB 162, 181, 168 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(175, 181, 162) }
```

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

```
.border{ border-color:rgb(175, 181, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 181, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 181, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 181, 162);  
box-shadow:4px 4px 4px 4px rgb(175, 181,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 162, 181, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 181, 162) }
```

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

```
.background{ background-color: rgb(175,  
181, 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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