

Converting Colors

`RYB(165, 180, 152)`

Have a look what the booklet for
RYB(165, 180, 152) contains.

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Color

R_YB(165, 180, 152)

Conversions

Conversions Part 1

Format	Color
Hex	B4AB98
RGB	180, 171, 152
RGB Percent	71%, 67%, 60%
CMY	0.2941, 0.3289, 0.4039
CMYK	0.00, 0.05, 0.16, 0.29
HSL	41°, 16%, 65%
HSV	41°, 16%, 71%
XYZ	39.0758, 41.1422, 35.5875
YIQ	171.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

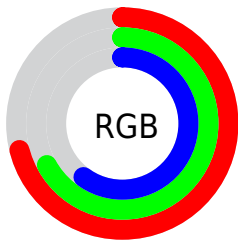
Format	Color
RYB	165, 180, 152
Decimal	11840408
CIELab	70.28, -0.09, 10.98
CIElCh	70, 10.985, 90.473
Yxy	41.1422, 0.3374, 0.3553
Android (android.graphics.Color)	4290030488 (0xFFB4AB98)
YUV	171.5250, -9.6258, 7.4326
Hunter-Lab	64.1422, -3.5055, 12.0042

Details

The RYB color **165, 180, 152** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152, 159, 180**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **221, 236, 206**, and **113, 127, 101** is the 20% darker color. If you saturate the color by 10%, you get **156, 180, 134**, and if you desaturate by 10%, it is **174, 180, 170**.

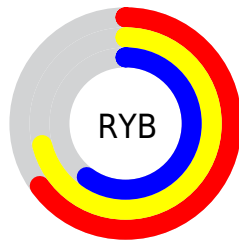
Distribution



Red (71%)

Green (67%)

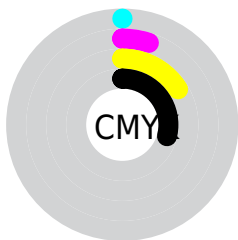
Blue (60%)



Red (65%)

Yellow (71%)

Blue (60%)

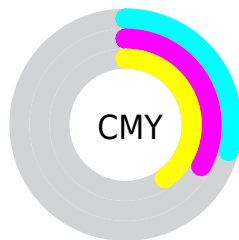


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 180, 152 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 165, 180, 152 by changing the saturation by 10% instead.


 165, 180, 152

255, 255, 255


 221, 236, 206

 234, 255, 234


 165, 180, 152

 137, 153, 126

 113, 127, 101

 89, 102, 77

 64, 78, 54


 43, 55, 33

 17, 33, 11

 0, 1, 0

 0, 0, 0

 165, 180, 152

 165, 180, 152

156, 180, 134

174, 180, 170

145, 180, 116

180, 182, 188

136, 180, 98

180, 186, 206

127, 180, 80

180, 191, 224

116, 180, 62

180, 195, 242

107, 180, 44

180, 199, 255

98, 180, 26

180, 202, 255

89, 180, 8

180, 205, 255

83, 180, 0

180, 207, 255

Harmonies

Analogous

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



189, 176, 155



165, 180, 152



155, 174, 160

Triad

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



165, 180, 152



147, 163, 182



185, 166, 182

Complementary

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



165, 180, 152



152, 159, 180

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.



174, 169, 189



165, 180, 152



151, 166, 189

Square

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



165, 180, 152



149, 165, 178



162, 170, 192



192, 165, 172

Rectangle

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



165, 180, 152



159, 176, 174



162, 170, 192



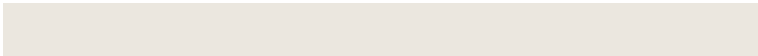
182, 167, 185

Sweetspot

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



165, 180, 152



229, 235, 223



180, 152, 161



113, 117, 110



245, 245, 245



117, 117, 117

Same Dimension

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



165, 180, 152



213, 235, 190



152, 180, 157



85, 89, 80



72, 153, 0



14, 26, 0

Inverse Universe

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



152, 159, 180



190, 201, 235



157, 152, 180



80, 82, 89



0, 37, 153



0, 6, 26

Previews

White Background



This preview shows how the RYB color 165, 180, 152 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 165, 180, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

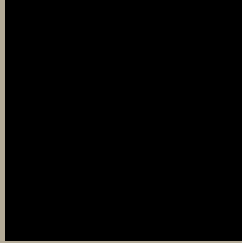
Any Text WCAG AA ✓ Pass

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 165, 180, 152 Background



This preview shows how black text looks on a background with the RYB color 165, 180, 152.



This preview shows how white text looks on a background with the RYB color 165, 180, 152.

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
165, 180, 152

Protanopia
163, 179, 152

Deuteranopia
195, 172, 153



Tritanopia
184, 167, 180

Trichromacy



Original Color

165, 180, 152

Protanomaly

163, 179, 152

Deuteranomaly

190, 178, 153

Tritanomaly

183, 168, 170

Monochromacy



Original Color

165, 180, 152

Achromatopsia

172, 172, 172

Achromatomaly

169, 175, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 180, 152 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(180, 171, 152) looks like.

```
.text, #text, p{  
    color:rgb(180, 171, 152)  
}
```

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(180, 171, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 171, 152) }
```

Border

The CSS property to change the border of an element to RYB 165, 180, 152 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(180, 171, 152) }
```

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

```
.border{ border-color:rgb(180, 171, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 171, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 171, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 171, 152);  
box-shadow:4px 4px 4px 4px rgb(180, 171,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 165, 180, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 171, 152) }
```

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

```
.background{ background-color: rgb(180,  
171, 152) }
```

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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