

Converting Colors

`RYB(123, 181, 152)`

Have a look what the booklet for
RYB(123, 181, 152) contains.

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Color

R_YB(123, 181, 152)

Conversions

Conversions Part 1

Format	Color
Hex	98B57B
RGB	152, 181, 123
RGB Percent	60%, 71%, 48%
CMY	0.4039, 0.2902, 0.5176
CMYK	0.16, 0.00, 0.32, 0.29
HSL	90°, 28%, 60%
HSV	90°, 32%, 71%
XYZ	33.0479, 41.1532, 24.9404
YIQ	165.7170, 1.3340, -24.1860

Conversions

Conversions Part 2

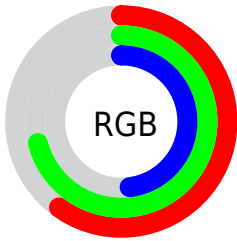
Format	Color
RYB	123, 181, 152
Decimal	10007931
CIELab	70.28, -20.32, 26.39
CIELCh	70, 33.308, 127.590
Yxy	41.1532, 0.3333, 0.4151
Android (android.graphics.Color)	4288198011 (0xFF98B57B)
YUV	165.7170, -21.0595, -12.0298
Hunter-Lab	64.1508, -20.3078, 21.8549

Details

The RYB color **123, 181, 152** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **152, 123, 181**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **176, 237, 206**, and **73, 128, 101** is the 20% darker color. If you saturate the color by 10%, you get **105, 181, 143**, and if you desaturate by 10%, it is **141, 181, 161**.

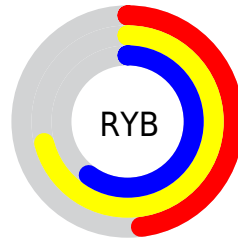
Distribution



Red (60%)

Green (71%)

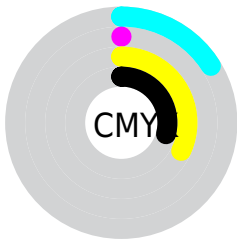
Blue (48%)



Red (48%)

Yellow (71%)

Blue (60%)

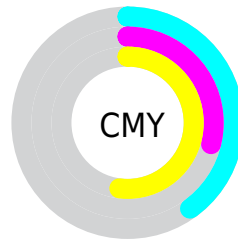


Cyan (16%)

Magenta (0%)

Yellow (32%)

Black (29%)



Cyan (40%)

Magenta (29%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 181, 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 123, 181, 152 by changing the saturation by 10% instead.

 123, 181, 152


255, 255, 255


 176, 237, 206


 204, 255, 224

 232, 255, 232

 123, 181, 152

 98, 154, 126

 73, 128, 101

 50, 103, 78

 28, 79, 55

 4, 56, 31

 0, 34, 30


 0, 2, 2


 0, 0, 0

 123, 181, 152


 123, 181, 152

 105, 181, 143


 141, 181, 161

 87, 181, 134


 159, 181, 170

 69, 181, 125


 177, 181, 179


 51, 181, 116


 188, 181, 195

 33, 181, 107

 197, 181, 214

 14, 181, 97

 206, 181, 232

 0, 181, 90

 215, 181, 250

 224, 181, 255

 233, 181, 255

Harmonies

Analogous

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



127, 185, 111



123, 181, 152



116, 164, 186

Triad

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



123, 181, 152



96, 148, 227



231, 149, 165

Complementary

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



123, 181, 152



152, 123, 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.



217, 152, 196



123, 181, 152



143, 165, 231

Square

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



123, 181, 152



67, 132, 208



186, 161, 220



229, 157, 136

Rectangle

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



123, 181, 152



92, 146, 188



186, 161, 220



228, 149, 175

Sweetspot

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



123, 181, 152



211, 235, 223



181, 181, 123



103, 117, 110



245, 245, 245



117, 117, 117

Same Dimension

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



123, 181, 152



145, 235, 190



123, 181, 181



80, 89, 84



0, 153, 76



0, 26, 13

Inverse Universe

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



152, 123, 181



190, 145, 235



181, 123, 181



85, 80, 89



77, 0, 153



13, 0, 26

Previews

White Background



This preview shows how the RYB color 123, 181, 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 123, 181, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

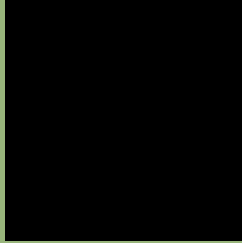
Any Text WCAG AA ✓ Pass

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 123, 181, 152 Background



This preview shows how black text looks on a background with the RYB color 123, 181, 152.

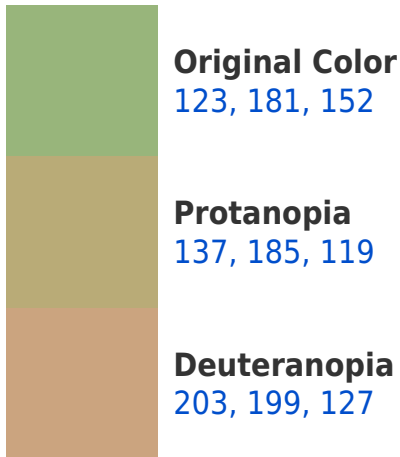


This preview shows how white text looks on a background with the RYB color 123, 181, 152.

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





Tritanopia
161, 169, 187

Trichromacy



Original Color
123, 181, 152

Protanomaly
120, 175, 122

Deuteranomaly
144, 184, 126

Tritanomaly
158, 172, 176

Monochromacy



Original Color
123, 181, 152

Achromatopsia
166, 166, 166

Achromatomaly
150, 171, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 181, 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(152, 181, 123)` looks like.

```
.text, #text, p{  
    color:rgb(152, 181, 123)  
}
```

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(152, 181, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 181, 123) }
```

Border

The CSS property to change the border of an element to RYB 123, 181, 152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

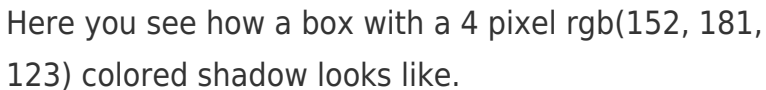
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 181, 123) }
```

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

```
.border{ border-color:rgb(152, 181, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 181, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 181, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 181, 123); box-shadow:4px 4px 4px 4px rgb(152, 181, 123) }
```

Background

The CSS property to change the background color of an element to RYB 123, 181, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 181, 123) }
```

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

```
.background{ background-color: rgb(152,  
181, 123) }
```

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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