

Converting Colors

`RYB(151, 201, 181)`

Have a look what the booklet for
RYB(151, 201, 181) contains.

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Color

R_YB(151, 201, 181)

Conversions

Conversions Part 1

Format	Color
Hex	ABC997
RGB	171, 201, 151
RGB Percent	67%, 79%, 59%
CMY	0.3294, 0.2118, 0.4078
CMYK	0.15, 0.00, 0.25, 0.21
HSL	96°, 32%, 69%
HSV	96°, 25%, 79%
XYZ	43.2671, 52.6656, 37.1632
YIQ	186.3300, -1.8300, -21.9100

Conversions

Conversions Part 2

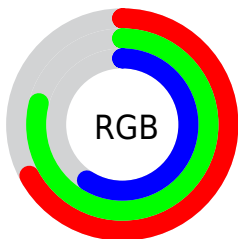
Format	Color
RYB	151, 201, 181
Decimal	11258263
CIELab	77.68, -19.15, 21.74
CIELCh	78, 28.974, 131.374
Yxy	52.6656, 0.3251, 0.3957
Android (android.graphics.Color)	4289448343 (0xFFABC997)
YUV	186.3300, -17.4177, -13.4444
Hunter-Lab	72.5711, -20.5770, 20.4377

Details

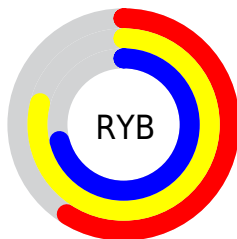
The RYB color **151, 201, 181** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **181, 151, 201**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **205, 255, 233**, and **100, 147, 129** is the 20% darker color. If you saturate the color by 10%, you get **131, 201, 173**, and if you desaturate by 10%, it is **171, 201, 189**.

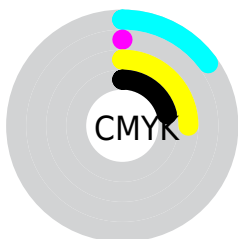
Distribution



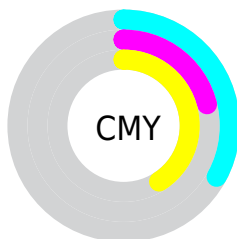
- Red (67%)
- Green (79%)
- Blue (59%)



- Red (59%)
- Yellow (79%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 201, 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 151, 201, 181 by changing the saturation by 10% instead.

 151, 201, 181


255, 255, 255


 205, 255, 233

 234, 255, 234

 151, 201, 181

 125, 174, 155

 100, 147, 129

 76, 121, 104

 52, 96, 79

 30, 72, 57

 8, 50, 35

 0, 30, 30


 0, 0, 0


 151, 201, 181

 151, 201, 181

 131, 201, 173

 171, 201, 189

 111, 201, 165

 191, 201, 197

 91, 201, 157

 207, 201, 211

 71, 201, 149

 219, 201, 231

 51, 201, 141

 231, 201, 252

 30, 201, 132

 243, 201, 255

 10, 201, 124

 255, 201, 255

 0, 201, 121

Harmonies

Analogous

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



147, 201, 139



151, 201, 181



140, 184, 206

Triad

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



151, 201, 181



136, 176, 242



246, 172, 183

Complementary

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



151, 201, 181



181, 151, 201

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.



235, 174, 210



151, 201, 181



173, 187, 244

Square

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



151, 201, 181



113, 164, 227



209, 182, 232



243, 181, 158

Rectangle

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



151, 201, 181



123, 169, 207



209, 182, 232



244, 172, 192

Sweetspot

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



151, 201, 181



237, 255, 248



184, 201, 151



117, 128, 124



0, 0, 0



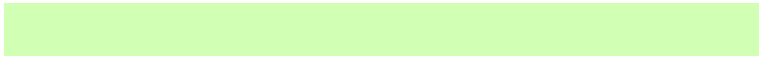
128, 128, 128

Same Dimension

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



151, 201, 181



179, 255, 225



151, 196, 201



90, 99, 96



0, 163, 98



0, 36, 22

Inverse Universe

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



181, 151, 201



224, 179, 255



201, 151, 196



95, 90, 99



98, 0, 163



21, 0, 36

Previews

White Background



This preview shows how the RYB color 151, 201, 181 looks on a white background.

Color Contrast Check

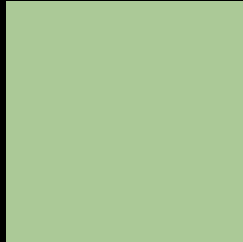
Large Text (above 18pt) WCAG AA × Fail

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 151, 201, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

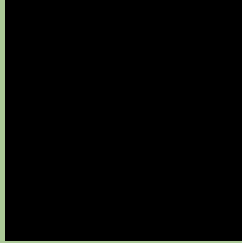
Any Text WCAG AA ✓ Pass

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](#).

RYB 151, 201, 181 Background



This preview shows how black text looks on a background with the RYB color 151, 201, 181.

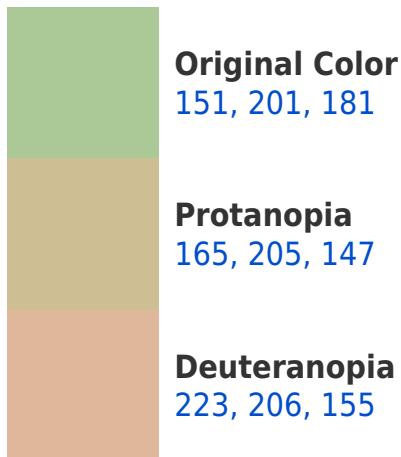


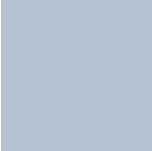
This preview shows how white text looks on a background with the RYB color 151, 201, 181.

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](#).

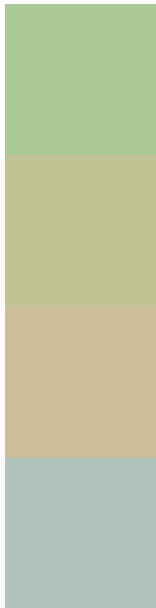
Dichromacy





Tritanopia
180, 189, 209

Trichromacy



Original Color
151, 201, 181

Protanomaly
148, 195, 150

Deuteranomaly
173, 204, 154

Tritanomaly
177, 189, 196

Monochromacy



Original Color
151, 201, 181

Achromatopsia
186, 186, 186

Achromatomaly
173, 191, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 201, 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(171, 201, 151)` looks like.

```
.text, #text, p{  
    color:rgb(171, 201, 151)  
}
```

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(171, 201, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 201, 151) }
```

Border

The CSS property to change the border of an element to RYB 151, 201, 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(171, 201, 151) }
```

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

```
.border{ border-color:rgb(171, 201, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 201, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 201, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 201, 151);  
box-shadow:4px 4px 4px 4px rgb(171, 201,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 151, 201, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 201, 151) }
```

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

```
.background{ background-color: rgb(171,  
201, 151) }
```

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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