

Converting Colors

`RYB(185, 189, 151)`

Have a look what the booklet for
RYB(185, 189, 151) contains.

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Color

R_YB(185, 189, 151)

Conversions

Conversions Part 1

Format	Color
Hex	BDAB97
RGB	189, 171, 151
RGB Percent	74%, 67%, 59%
CMY	0.2588, 0.3292, 0.4078
CMYK	0.00, 0.09, 0.20, 0.26
HSL	32°, 22%, 67%
HSV	32°, 20%, 74%
XYZ	41.1456, 42.2000, 35.2550
YIQ	174.1020, 17.1480, -2.4040

Conversions

Conversions Part 2

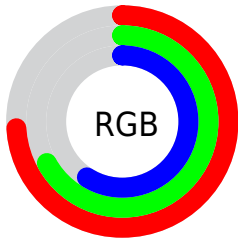
Format	Color
RYB	185, 189, 151
Decimal	12430231
CIELab	71.01, 3.20, 12.68
CIELCh	71, 13.077, 75.832
Yxy	42.2000, 0.3469, 0.3558
Android (android.graphics.Color)	4290620311 (0xFFBDAB97)
YUV	174.1020, -11.3893, 13.0655
Hunter-Lab	64.9615, -0.6236, 13.2961

Details

The RYB color **185, 189, 151** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151, 163, 189**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **244, 246, 205**, and **129, 135, 100** is the 20% darker color. If you saturate the color by 10%, you get **183, 189, 132**, and if you desaturate by 10%, it is **187, 189, 170**.

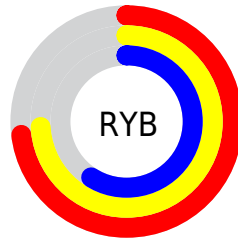
Distribution



Red (74%)

Green (67%)

Blue (59%)



Red (73%)

Yellow (74%)

Blue (59%)

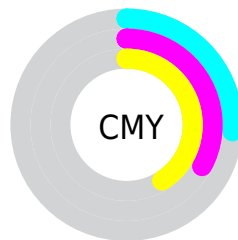


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 189, 151 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 185, 189, 151 by changing the saturation by 10% instead.


 185, 189, 151

255, 255, 255


 244, 246, 205

 233, 255, 233

 185, 189, 151

 156, 162, 125

 129, 135, 100

 106, 110, 76

 78, 85, 53

 56, 61, 32

 29, 39, 9

 14, 1, 0


 0, 0, 0

 185, 189, 151


 185, 189, 151


 183, 189, 132


 187, 189, 170

 181, 189, 113


 189, 189, 189

 180, 189, 94

 189, 195, 208

 178, 189, 75


 189, 201, 227

 178, 189, 57

 189, 207, 246

 172, 189, 38

 189, 212, 255

 170, 189, 19

 189, 216, 255

 168, 189, 0

 189, 218, 255

 189, 221, 255

Harmonies

Analogous

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



197, 172, 157



185, 189, 151



153, 177, 151

Triad

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



185, 189, 151



144, 163, 181



184, 169, 190

Complementary

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



185, 189, 151



151, 163, 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.



169, 173, 197



185, 189, 151



145, 164, 190

Square

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



185, 189, 151



151, 169, 180



155, 169, 197



195, 166, 180

Rectangle

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



185, 189, 151



154, 177, 163



155, 169, 197



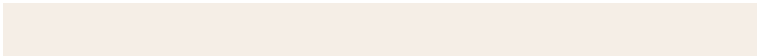
179, 170, 193

Sweetspot

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



185, 189, 151



243, 245, 230



189, 151, 169



122, 122, 114



250, 250, 250



122, 122, 122

Same Dimension

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



185, 189, 151



239, 245, 186



151, 189, 152



92, 94, 85



143, 158, 0



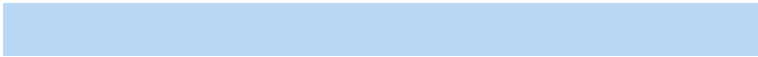
29, 31, 0

Inverse Universe

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



151, 163, 189



186, 205, 245



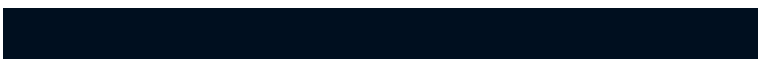
152, 151, 189



85, 88, 94



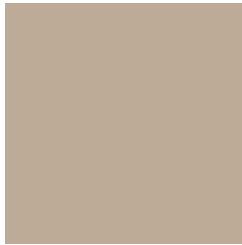
0, 51, 158



0, 10, 31

Previews

White Background



This preview shows how the RYB color 185, 189, 151 looks on a white background.

Color Contrast Check

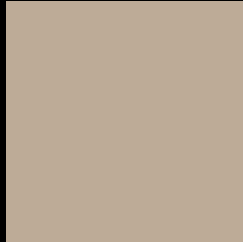
Large Text (above 18pt) WCAG AA × Fail

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 185, 189, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

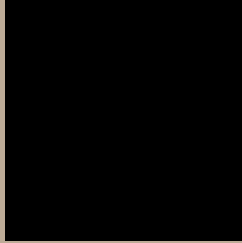
Any Text WCAG AA ✓ Pass

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 185, 189, 151 Background



This preview shows how black text looks on a background with the RYB color 185, 189, 151.



This preview shows how white text looks on a background with the RYB color 185, 189, 151.

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


185, 189, 151

Protanopia

165, 182, 152

Deuteranopia

199, 174, 152



Tritanopia
193, 167, 180

Trichromacy



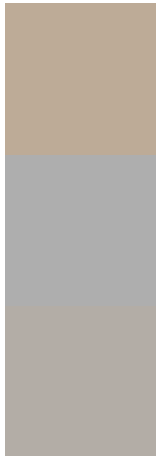
Original Color
185, 189, 151

Protanomaly
173, 185, 152

Deuteranomaly
195, 177, 152

Tritanomaly
192, 168, 169

Monochromacy



Original Color
185, 189, 151

Achromatopsia
174, 174, 174

Achromatomaly
177, 179, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 189, 151 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(189, 171, 151) looks like.

```
.text, #text, p{  
    color:rgb(189, 171, 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(189, 171, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 171, 151) }
```

Border

The CSS property to change the border of an element to RYB 185, 189, 151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

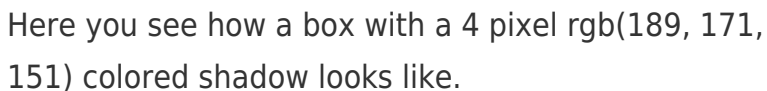
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 171, 151) }
```

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

```
.border{ border-color:rgb(189, 171, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 171, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 171, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 171, 151); box-shadow:4px 4px 4px 4px rgb(189, 171, 151) }
```

Background

The CSS property to change the background color of an element to RYB 185, 189, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 171, 151) }
```

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

```
.background{ background-color: rgb(189,  
171, 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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