

Converting Colors

`RYB(181, 185, 151)`

Have a look what the booklet for
RYB(181, 185, 151) contains.

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Color

R_YB(181, 185, 151)

Conversions

Conversions Part 1

Format	Color
Hex	B9A997
RGB	185, 169, 151
RGB Percent	73%, 66%, 59%
CMY	0.2745, 0.3370, 0.4078
CMYK	0.00, 0.09, 0.18, 0.27
HSL	32°, 20%, 66%
HSV	32°, 18%, 73%
XYZ	39.7931, 40.9478, 35.0846
YIQ	171.7320, 15.3140, -2.2060

Conversions

Conversions Part 2

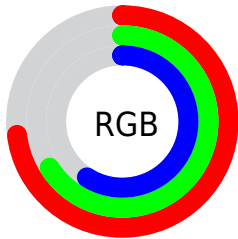
Format	Color
RYB	181, 185, 151
Decimal	12167575
CIELab	70.14, 2.76, 11.40
CIELCh	70, 11.731, 76.408
Yxy	40.9478, 0.3436, 0.3535
Android (android.graphics.Color)	4290357655 (0xFFB9A997)
YUV	171.7320, -10.2209, 11.6360
Hunter-Lab	63.9905, -0.9815, 12.2860

Details

The RYB color **181, 185, 151** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151, 162, 185**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **237, 241, 205**, and **128, 132, 100** is the 20% darker color. If you saturate the color by 10%, you get **181, 185, 133**, and if you desaturate by 10%, it is **183, 185, 170**.

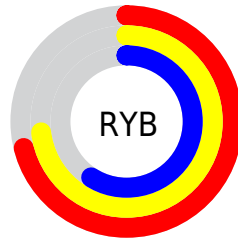
Distribution



Red (73%)

Green (66%)

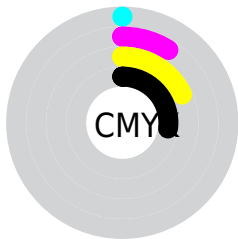
Blue (59%)



Red (71%)

Yellow (73%)

Blue (59%)

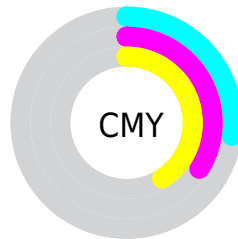


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (34%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 185, 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 181, 185, 151 by changing the saturation by 10% instead.


 181, 185, 151

255, 255, 255


 237, 241, 205

 235, 255, 233


 181, 185, 151

 153, 158, 125

 128, 132, 100

 102, 106, 76


 77, 82, 53


 51, 58, 32


 27, 37, 9

 8, 0, 0


 0, 0, 0

 181, 185, 151


 181, 185, 151

 181, 185, 133


 183, 185, 170

 176, 185, 114


 185, 186, 188

 176, 185, 96


 185, 192, 206

 174, 185, 77


 185, 198, 225

 170, 185, 59

 185, 204, 244

 168, 185, 40

 185, 209, 255

 168, 185, 22

 185, 212, 255

 162, 185, 3

 185, 215, 255

 164, 185, 0

 185, 218, 255

Harmonies

Analogous

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



192, 170, 156



181, 185, 151



152, 174, 151

Triad

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



181, 185, 151



145, 162, 178



181, 167, 186

Complementary

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



181, 185, 151



151, 162, 185

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.



168, 170, 192



181, 185, 151



146, 163, 186

Square

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



181, 185, 151



151, 167, 177



155, 168, 192



190, 165, 177

Rectangle

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



181, 185, 151



154, 175, 163



155, 168, 192



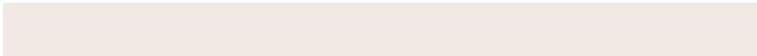
176, 168, 189

Sweetspot

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



181, 185, 151



238, 240, 225



185, 151, 167



118, 120, 111



247, 247, 247



120, 120, 120

Same Dimension

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



181, 185, 151



234, 240, 187



151, 185, 152



92, 90, 83



137, 156, 0



24, 28, 0

Inverse Universe

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



151, 162, 185



187, 204, 240



152, 151, 185



83, 86, 92



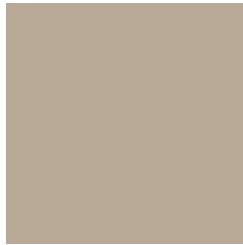
0, 50, 156



0, 9, 28

Previews

White Background



This preview shows how the RYB color 181, 185, 151 looks on a white background.

Color Contrast Check

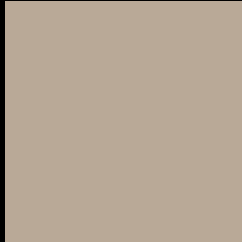
Large Text (above 18pt) WCAG AA × Fail

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 181, 185, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

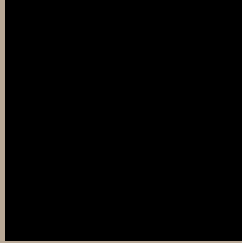
Any Text WCAG AA ✓ Pass

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 181, 185, 151 Background



This preview shows how black text looks on a background with the RYB color 181, 185, 151.



This preview shows how white text looks on a background with the RYB color 181, 185, 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
181, 185, 151

Protanopia
163, 179, 152

Deuteranopia
195, 171, 152



Tritanopia
188, 165, 178

Trichromacy



Original Color

181, 185, 151

Protanomaly

170, 181, 152

Deuteranomaly

191, 174, 152

Tritanomaly

187, 166, 168

Monochromacy



Original Color

181, 185, 151

Achromatopsia

172, 172, 172

Achromatomaly

175, 177, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 185, 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(185, 169, 151)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 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(185, 169, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 151) }
```

Border

The CSS property to change the border of an element to RYB 181, 185, 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(185, 169, 151) }
```

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

```
.border{ border-color:rgb(185, 169, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 151);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 181, 185, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 151) }
```

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

```
.background{ background-color: rgb(185,  
169, 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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