

Converting Colors

`RYB(177, 181, 143)`

Have a look what the booklet for
RYB(177, 181, 143) contains.

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Color

R_YB(177, 181, 143)

Conversions

Conversions Part 1

Format	Color
Hex	B5A38F
RGB	181, 163, 143
RGB Percent	71%, 64%, 56%
CMY	0.2902, 0.3606, 0.4392
CMYK	0.00, 0.10, 0.21, 0.29
HSL	32°, 20%, 64%
HSV	32°, 21%, 71%
XYZ	37.1210, 38.0210, 31.3689
YIQ	166.1020, 17.1480, -2.4040

Conversions

Conversions Part 2

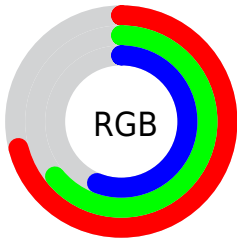
Format	Color
RYB	177, 181, 143
Decimal	11903887
CIELab	68.04, 3.26, 12.80
CIELCh	68, 13.205, 75.728
Yxy	38.0210, 0.3485, 0.3570
Android (android.graphics.Color)	4290093967 (0xFFB5A38F)
YUV	166.1020, -11.3893, 13.0655
Hunter-Lab	61.6612, -0.4472, 13.0002

Details

The RYB color **177, 181, 143** is a light color, and the websafe version is hex **999999**. A complement of this color would be **143, 155, 181**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **233, 237, 197**, and **126, 128, 93** is the 20% darker color. If you saturate the color by 10%, you get **174, 181, 125**, and if you desaturate by 10%, it is **177, 181, 161**.

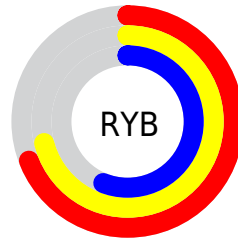
Distribution



Red (71%)

Green (64%)

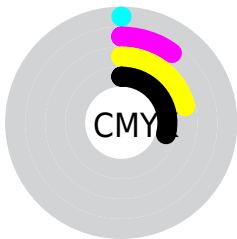
Blue (56%)



Red (69%)

Yellow (71%)

Blue (56%)

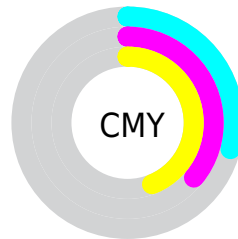


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 181, 143 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 177, 181, 143 by changing the saturation by 10% instead.


 177, 181, 143


255, 255, 255

 233, 237, 197


 238, 255, 225

253, 255, 253


 177, 181, 143

 174, 181, 125

 177, 181, 143


 148, 154, 117

 126, 128, 93


 97, 102, 69


 73, 78, 47

 50, 55, 26


 21, 34, 0


 0, 0, 0


 177, 181, 143


 177, 181, 161


 173, 181, 107


 181, 181, 179


 173, 181, 89

 181, 186, 197


 170, 181, 71

 181, 192, 215


 170, 181, 53

 181, 198, 234


 164, 181, 34


 181, 204, 252

 164, 181, 16

 181, 208, 255

 160, 181, 0

 181, 211, 255

 181, 214, 255

Harmonies

Analogous

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



189, 164, 149



177, 181, 143



145, 169, 143

Triad

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



177, 181, 143



136, 155, 173



176, 161, 183

Complementary

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



177, 181, 143



143, 155, 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.



161, 165, 189



177, 181, 143



137, 156, 182

Square

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



177, 181, 143



143, 161, 172



146, 161, 189



187, 158, 172

Rectangle

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



177, 181, 143



146, 169, 155



146, 161, 189



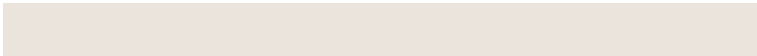
171, 162, 185

Sweetspot

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



177, 181, 143



235, 235, 221



181, 143, 161



117, 117, 109



245, 245, 245



117, 117, 117

Same Dimension

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



177, 181, 143



229, 235, 176



143, 181, 144



87, 89, 80



136, 153, 0



26, 26, 0

Inverse Universe

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



143, 155, 181



176, 195, 235



144, 143, 181



80, 83, 89



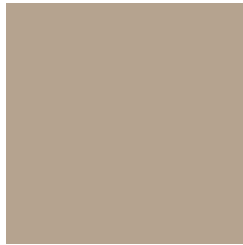
0, 49, 153



0, 8, 26

Previews

White Background



This preview shows how the RYB color 177, 181, 143 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 177, 181, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

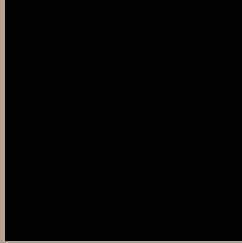
Any Text WCAG AA ✓ Pass

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 177, 181, 143 Background



This preview shows how black text looks on a background with the RYB color 177, 181, 143.



This preview shows how white text looks on a background with the RYB color 177, 181, 143.

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


177, 181, 143

Protanopia

157, 174, 144

Deuteranopia

190, 169, 144



Tritanopia
185, 159, 171

Trichromacy



Original Color

177, 181, 143

Protanomaly

165, 177, 144

Deuteranomaly

187, 172, 144

Tritanomaly

184, 160, 161

Monochromacy



Original Color

177, 181, 143

Achromatopsia

166, 166, 166

Achromatomaly

169, 171, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 181, 143 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(181, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 143)  
}
```

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(181, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 143) }
```

Border

The CSS property to change the border of an element to RYB 177, 181, 143 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(181, 163, 143) }
```

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

```
.border{ border-color:rgb(181, 163, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 163, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(181, 163,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 177, 181, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 143) }
```

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

```
.background{ background-color: rgb(181,  
163, 143) }
```

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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