

Converting Colors

`RYB(181, 163, 143)`

Have a look what the booklet for
RYB(181, 163, 143) contains.

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Color

R_YB(181, 163, 143)

Conversions

Conversions Part 1

Format	Color
Hex	B59C8F
RGB	181, 156, 143
RGB Percent	71%, 61%, 56%
CMY	0.2902, 0.3878, 0.4392
CMYK	0.00, 0.14, 0.21, 0.29
HSL	21°, 20%, 64%
HSV	21°, 21%, 71%
XYZ	35.9198, 35.6186, 30.9685
YIQ	161.9930, 19.0730, 1.2570

Conversions

Conversions Part 2

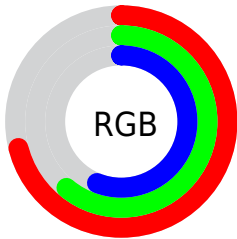
Format	Color
RYB	181, 163, 143
Decimal	11902095
CIELab	66.23, 7.07, 10.24
CIELCh	66, 12.445, 55.403
Yxy	35.6186, 0.3504, 0.3475
Android (android.graphics.Color)	4290092175 (0xFFB59C8F)
YUV	161.9930, -9.3635, 16.6691
Hunter-Lab	59.6813, 2.9898, 11.0115

Details

The RYB color **181, 163, 143** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **143, 158, 181**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **237, 216, 197**, and **128, 111, 93** is the 20% darker color. If you saturate the color by 10%, you get **181, 154, 125**, and if you desaturate by 10%, it is **181, 172, 161**.

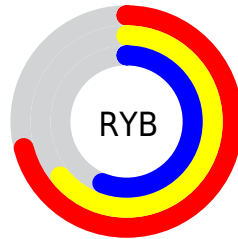
Distribution



Red (71%)

Green (61%)

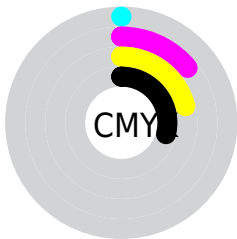
Blue (56%)



Red (71%)

Yellow (64%)

Blue (56%)

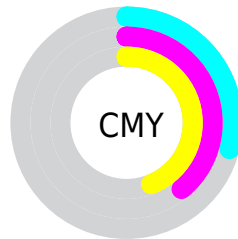


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (29%)



Cyan (29%)


Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 163, 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 181, 163, 143 by changing the saturation by 10% instead.


 181, 163, 143


255, 255, 255

 237, 219, 197

 255, 251, 225

253, 255, 253

 181, 163, 143

 154, 137, 117

 128, 111, 93


 102, 88, 69


 78, 64, 47


 54, 42, 26


 34, 27, 0


 0, 0, 0


 181, 163, 143


 181, 154, 125


 181, 163, 143


 181, 172, 161


 181, 145, 107


 181, 181, 179

 181, 138, 89


 181, 188, 197

 181, 129, 71


 181, 195, 215


 181, 120, 53

 181, 202, 234

 181, 112, 34


 181, 209, 252

 181, 103, 16

 181, 214, 255

 181, 94, 0

 181, 217, 255

 181, 218, 255

Harmonies

Analogous

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



185, 154, 152



181, 163, 143



158, 172, 139

Triad

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



181, 163, 143



137, 155, 168



161, 159, 181

Complementary

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



181, 163, 143



143, 158, 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.



147, 158, 183



181, 163, 143



132, 150, 170

Square

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



181, 163, 143



147, 165, 166



136, 154, 179



174, 155, 174

Rectangle

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



181, 163, 143



141, 164, 139



136, 154, 179



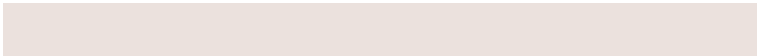
156, 159, 182

Sweetspot

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



181, 163, 143



235, 227, 221



181, 143, 168



117, 114, 109



245, 245, 245



117, 117, 117

Same Dimension

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



181, 163, 143



235, 206, 176



150, 181, 143



89, 85, 80



153, 81, 0



26, 14, 0

Inverse Universe

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



143, 158, 181



176, 199, 235



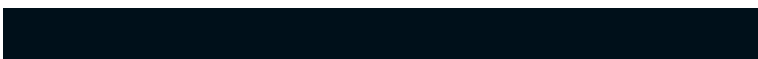
143, 148, 181



80, 84, 89



0, 60, 153



0, 10, 26

Previews

White Background



This preview shows how the RYB color 181, 163, 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 181, 163, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

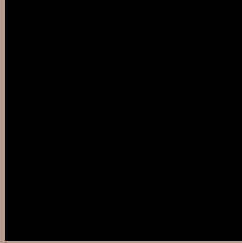
Any Text WCAG AA ✓ Pass

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 181, 163, 143 Background



This preview shows how black text looks on a background with the RYB color 181, 163, 143.



This preview shows how white text looks on a background with the RYB color 181, 163, 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
181, 163, 143

Protanopia
155, 168, 145

Deuteranopia
183, 160, 143



Tritanopia
184, 153, 165

Trichromacy



Original Color

181, 163, 143

Protanomaly

171, 173, 144

Deuteranomaly

182, 160, 143

Tritanomaly

183, 154, 157

Monochromacy



Original Color

181, 163, 143

Achromatopsia

162, 162, 162

Achromatomaly

169, 163, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 163, 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, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 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, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 143) }
```

Border

The CSS property to change the border of an element to RYB 181, 163, 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, 156, 143) }
```

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

```
.border{ border-color:rgb(181, 156, 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, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(181, 156,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 181, 163, 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, 156, 143) }
```

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

```
.background{ background-color: rgb(181,  
156, 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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