

Converting Colors

`RYB(167, 163, 143)`

Have a look what the booklet for
RYB(167, 163, 143) contains.

RYB(167, 163, 143)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(167, 163, 143)

Conversions

Conversions Part 1

Format	Color
Hex	A79A8F
RGB	167, 154, 143
RGB Percent	65%, 60%, 56%
CMY	0.3451, 0.3964, 0.4392
CMYK	0.00, 0.08, 0.14, 0.35
HSL	27°, 12%, 61%
HSV	27°, 14%, 65%
XYZ	32.4349, 33.2799, 30.7008
YIQ	156.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

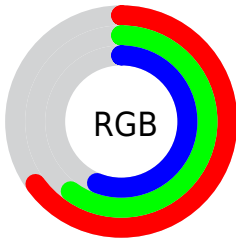
Format	Color
RYB	167, 163, 143
Decimal	10984079
CIELab	64.39, 2.91, 7.45
CIELCh	64, 7.998, 68.673
Yxy	33.2799, 0.3364, 0.3452
Android (android.graphics.Color)	4289174159 (0xFFA79A8F)
YUV	156.6330, -6.7211, 9.0919
Hunter-Lab	57.6887, -0.5954, 8.8292

Details

The RYB color **167, 163, 143** is a light color, and the websafe version is hex **999999**. A complement of this color would be **143, 151, 167**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **222, 217, 197**, and **115, 111, 93** is the 20% darker color. If you saturate the color by 10%, you get **167, 161, 126**, and if you desaturate by 10%, it is **167, 165, 160**.

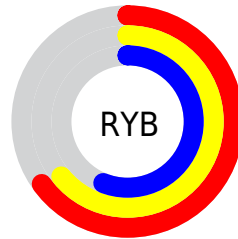
Distribution



Red (65%)

Green (60%)

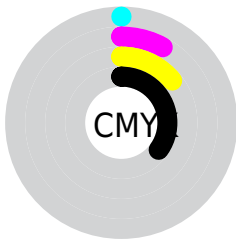
Blue (56%)



Red (65%)

Yellow (64%)

Blue (56%)

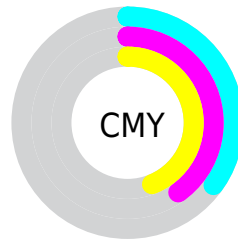


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 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 167, 163, 143 by changing the saturation by 10% instead.

 167, 163, 143


255, 255, 255

 222, 217, 197

 251, 244, 225

253, 255, 253

 167, 163, 143

 141, 137, 117

 115, 111, 93


 90, 88, 69


 67, 63, 47


 44, 44, 26


 23, 25, 0


 0, 0, 0


 167, 163, 143

 167, 161, 126

 167, 163, 143

 167, 165, 160

 167, 158, 110

 167, 170, 176


 167, 156, 93

 167, 176, 193

 167, 151, 76

 167, 182, 210

 167, 149, 59

 167, 188, 226

 167, 145, 43

 167, 194, 243

 167, 143, 26

 167, 199, 255

 167, 141, 9

 167, 203, 255

 167, 139, 0

 167, 206, 255

Harmonies

Analogous

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



171, 153, 147



167, 163, 143



147, 160, 142

Triad

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



167, 163, 143



139, 150, 160



160, 154, 167

Complementary

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



167, 163, 143



143, 151, 167

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.



151, 155, 170



167, 163, 143



139, 151, 165

Square

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



167, 163, 143



144, 155, 160



143, 153, 169



167, 152, 161

Rectangle

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



167, 163, 143



144, 158, 148



143, 153, 169



157, 154, 169

Sweetspot

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



167, 163, 143



217, 215, 208



167, 143, 156



110, 110, 104



237, 237, 237



110, 110, 110

Same Dimension

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



167, 163, 143



217, 211, 180



144, 167, 143



84, 84, 76



148, 122, 0



20, 16, 0

Inverse Universe

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



143, 151, 167



180, 193, 217



143, 144, 167



76, 79, 84



0, 52, 148



0, 7, 20

Previews

White Background



This preview shows how the RYB color 167, 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 167, 163, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

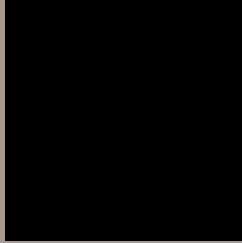
Any Text WCAG AA ✓ Pass

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 167, 163, 143 Background



This preview shows how black text looks on a background with the RYB color 167, 163, 143.

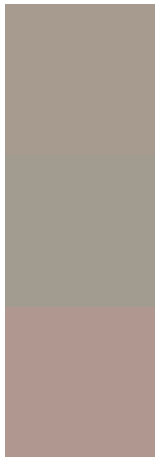


This preview shows how white text looks on a background with the RYB color 167, 163, 143.

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
167, 163, 143

Protanopia
153, 162, 144

Deuteranopia
176, 153, 144



Tritanopia
170, 151, 163

Trichromacy



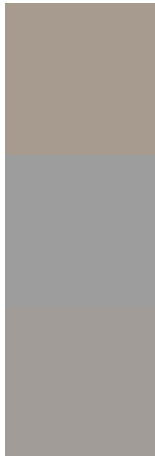
Original Color
167, 163, 143

Protanomaly
160, 164, 144

Deuteranomaly
173, 155, 144

Tritanomaly
169, 152, 156

Monochromacy



Original Color
167, 163, 143

Achromatopsia
157, 157, 157

Achromatomaly
161, 159, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 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(167, 154, 143) looks like.

```
.text, #text, p{  
    color:rgb(167, 154, 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(167, 154, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 154, 143) }
```

Border

The CSS property to change the border of an element to RYB 167, 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(167, 154, 143) }
```

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

```
.border{ border-color:rgb(167, 154, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 154, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 154, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 154, 143);  
box-shadow:4px 4px 4px 4px rgb(167, 154,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 167, 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(167, 154, 143) }
```

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

```
.background{ background-color: rgb(167,  
154, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor