

Converting Colors

`RYB(151, 170, 163)`

Have a look what the booklet for
RYB(151, 170, 163) contains.

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Color

R_YB(151, 170, 163)

Conversions

Conversions Part 1

Format	Color
Hex	9EAA97
RGB	158, 170, 151
RGB Percent	62%, 67%, 59%
CMY	0.3804, 0.3333, 0.4078
CMYK	0.07, 0.00, 0.11, 0.33
HSL	98°, 10%, 63%
HSV	98°, 11%, 67%
XYZ	34.0612, 38.2529, 34.8665
YIQ	164.2460, -1.0530, -8.4530

Conversions

Conversions Part 2

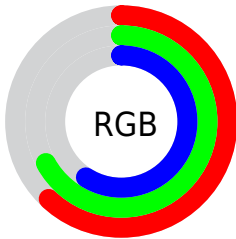
Format	Color
RYB	151, 170, 163
Decimal	10398359
CIELab	68.21, -7.81, 8.35
CIElCh	68, 11.437, 133.073
Yxy	38.2529, 0.3178, 0.3569
Android (android.graphics.Color)	4288588439 (0xFF9EAA97)
YUV	164.2460, -6.5303, -5.4777
Hunter-Lab	61.8489, -9.9329, 9.8703

Details

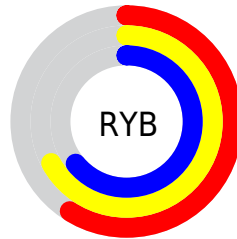
The RYB color **151, 170, 163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163, 151, 170**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **205, 225, 217**, and **100, 118, 111** is the 20% darker color. If you saturate the color by 10%, you get **134, 170, 157**, and if you desaturate by 10%, it is **168, 170, 169**.

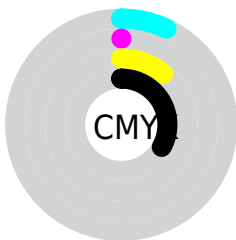
Distribution



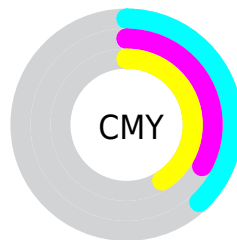
- Red (62%)
- Green (67%)
- Blue (59%)



- Red (59%)
- Yellow (67%)
- Blue (64%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 170, 163 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 151, 170, 163 by changing the saturation by 10% instead.

■ 151, 170, 163

255, 255, 255

■ 205, 225, 217

■ 233, 254, 246

■ 151, 170, 163

■ 125, 144, 137

■ 100, 118, 111

■ 76, 93, 87

■ 54, 70, 65

■ 32, 47, 42

■ 9, 27, 19


■ 0, 0, 0

■ 151, 170, 163


■ 134, 170, 157


■ 151, 170, 163


■ 168, 170, 169


 117, 170, 150


 179, 170, 185


 100, 170, 144


 190, 170, 202


 83, 170, 138


 201, 170, 219

 66, 170, 132


 212, 170, 236

 49, 170, 125

 222, 170, 253

 32, 170, 119

 233, 170, 255

 15, 170, 113

 244, 170, 255

 0, 170, 107

 255, 170, 255

Harmonies

Analogous

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



149, 170, 146



151, 170, 163



147, 163, 172

Triad

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



151, 170, 163



149, 162, 186



188, 159, 162

Complementary

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



151, 170, 163



163, 151, 170

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.



184, 160, 173



151, 170, 163



161, 165, 186

Square

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



151, 170, 163



141, 158, 180



174, 162, 181



187, 163, 153

Rectangle

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



151, 170, 163



142, 158, 172



174, 162, 181



187, 159, 166

Sweetspot

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



151, 170, 163



215, 222, 219



162, 170, 151



108, 112, 111



240, 240, 240



112, 112, 112

Same Dimension

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



151, 170, 163



193, 222, 211



151, 168, 170



76, 84, 81



0, 148, 94



0, 20, 12

Inverse Universe

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



163, 151, 170



211, 193, 222



170, 151, 168



81, 76, 84



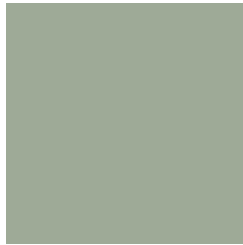
93, 0, 148



13, 0, 20

Previews

White Background



This preview shows how the RYB color 151, 170, 163 looks on a white background.

Color Contrast Check

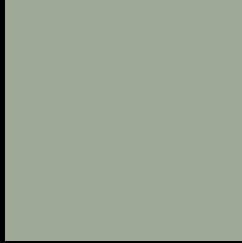
Large Text (above 18pt) WCAG AA × Fail

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 151, 170, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

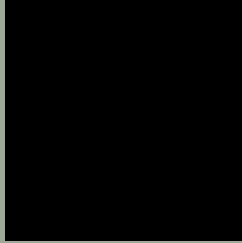
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

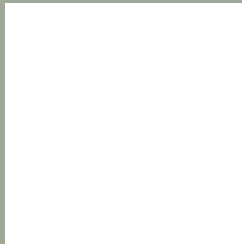
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 151, 170, 163 Background



This preview shows how black text looks on a background with the RYB color 151, 170, 163.



This preview shows how white text looks on a background with the RYB color 151, 170, 163.

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
151, 170, 163

Protanopia
159, 173, 149

Deuteranopia
187, 162, 153



Tritanopia
162, 165, 179

Trichromacy



Original Color

151, 170, 163

Protanomaly

151, 168, 150

Deuteranomaly

176, 176, 152

Tritanomaly

161, 164, 169

Monochromacy



Original Color

151, 170, 163

Achromatopsia

164, 164, 164

Achromatomaly

159, 166, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 170, 163 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(158, 170, 151) looks like.

```
.text, #text, p{  
    color:rgb(158, 170, 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(158, 170, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 170, 151) }
```

Border

The CSS property to change the border of an element to RYB 151, 170, 163 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(158, 170, 151) }
```

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

```
.border{ border-color:rgb(158, 170, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 170, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 170, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 170, 151);  
box-shadow:4px 4px 4px 4px rgb(158, 170,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 151, 170, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 170, 151) }
```

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

```
.background{ background-color: rgb(158,  
170, 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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