

Converting Colors

`RYB(141, 153, 147)`

Have a look what the booklet for
RYB(141, 153, 147) contains.

RYB(141, 153, 147)	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

R_YB(141, 153, 147)

Conversions

Conversions Part 1

Format	Color
Hex	93998D
RGB	147, 153, 141
RGB Percent	58%, 60%, 55%
CMY	0.4235, 0.4000, 0.4471
CMYK	0.04, 0.00, 0.08, 0.40
HSL	90°, 6%, 58%
HSV	90°, 8%, 60%
XYZ	28.2316, 30.9086, 29.6773
YIQ	149.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

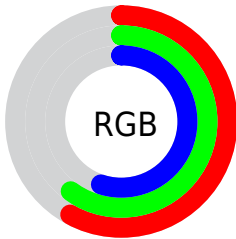
Format	Color
RYB	141, 153, 147
Decimal	9673101
CIELab	62.43, -4.45, 5.55
CIELCh	62, 7.118, 128.746
Yxy	30.9086, 0.3179, 0.3480
Android (android.graphics.Color)	4287863181 (0xFF93998D)
YUV	149.8380, -4.3571, -2.4889
Hunter-Lab	55.5955, -6.6493, 7.2674

Details

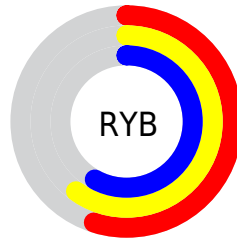
The RYB color **141, 153, 147** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **147, 141, 153**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **195, 207, 201**, and **91, 102, 97** is the 20% darker color. If you saturate the color by 10%, you get **126, 153, 140**, and if you desaturate by 10%, it is **155, 153, 156**.

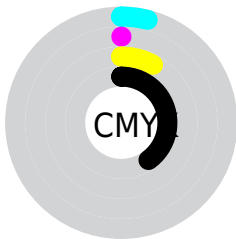
Distribution



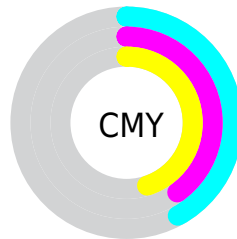
- Red (58%)
- Green (60%)
- Blue (55%)



- Red (55%)
- Yellow (60%)
- Blue (58%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)




- Cyan (42%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 153, 147 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 141, 153, 147 by changing the saturation by 10% instead.


 141, 153, 147

255, 255, 255


 195, 207, 201

 222, 236, 229

 251, 255, 251

 141, 153, 147


 115, 127, 121

 91, 102, 97


 67, 78, 72

 45, 55, 50


 25, 34, 30

 0, 12, 10

 0, 0, 0

 141, 153, 147

 126, 153, 140

 141, 153, 147

 155, 153, 156

■ 110, 153, 131

■ 162, 153, 172

■ 95, 153, 124

■ 170, 153, 187

■ 80, 153, 117

■ 178, 153, 202

■ 65, 153, 109

■ 185, 153, 218

■ 49, 153, 101

■ 193, 153, 233

■ 34, 153, 94

■ 201, 153, 248

■ 19, 153, 86

■ 208, 153, 255

■ 3, 153, 78

■ 216, 153, 255

Harmonies

Analogous

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



143, 154, 139



141, 153, 147



140, 150, 154

Triad

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



141, 153, 147



140, 148, 162



165, 147, 149

Complementary

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



141, 153, 147



147, 141, 153

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, 147, 156



141, 153, 147



147, 150, 163

Square

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



141, 153, 147



136, 146, 159



155, 149, 161



164, 148, 143

Rectangle

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



141, 153, 147



137, 147, 155



155, 149, 161



164, 147, 151

Sweetspot

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



141, 153, 147



195, 199, 197



153, 153, 141



97, 99, 98



227, 227, 227



99, 99, 99

Same Dimension

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



141, 153, 147



181, 199, 190



141, 153, 153



69, 77, 73



0, 140, 70



0, 13, 7

Inverse Universe

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



147, 141, 153



190, 181, 199



153, 141, 153



73, 69, 77



70, 0, 140



6, 0, 13

Previews

White Background



This preview shows how the RYB color 141, 153, 147 looks on a white background.

Color Contrast Check

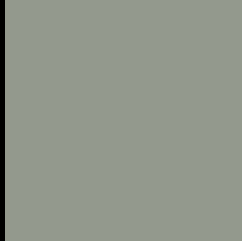
Large Text (above 18pt) WCAG AA × Fail

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 141, 153, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

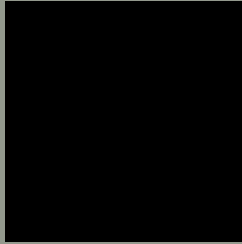
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

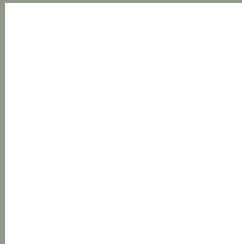
Any Text WCAG AAA ✓ Pass

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

RYP 141, 153, 147 Background



This preview shows how black text looks on a background with the RYP color 141, 153, 147.



This preview shows how white text looks on a background with the RYP color 141, 153, 147.

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
141, 153, 147

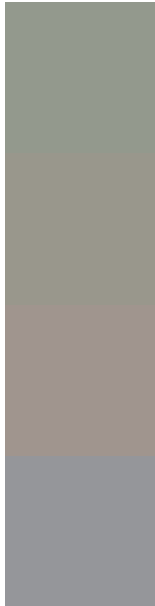
Protanopia
150, 156, 140

Deuteranopia
168, 147, 142



Tritanopia
150, 150, 162

Trichromacy



Original Color

141, 153, 147

Protanomaly

142, 153, 140

Deuteranomaly

160, 153, 142

Tritanomaly

149, 150, 154

Monochromacy



Original Color

141, 153, 147

Achromatopsia

150, 150, 150

Achromatomaly

147, 151, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 153, 147 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(147, 153, 141) looks like.

```
.text, #text, p{  
    color:rgb(147, 153, 141)  
}
```

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(147, 153, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 153, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 153, 147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

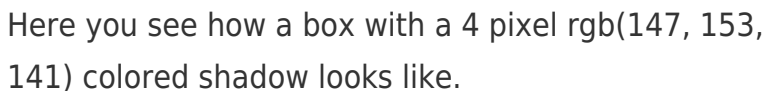
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 153, 141) }
```

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

```
.border{ border-color:rgb(147, 153, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 153, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 153, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 153, 141); box-shadow:4px 4px 4px 4px rgb(147, 153, 141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 153, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 153, 141) }
```

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

```
.background{ background-color: rgb(147,  
153, 141) }
```

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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