

Converting Colors

`RYB(133, 157, 141)`

Have a look what the booklet for
RYB(133, 157, 141) contains.

RYB(133, 157, 141)	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(133, 157, 141)

Conversions

Conversions Part 1

Format	Color
Hex	959D85
RGB	149, 157, 133
RGB Percent	58%, 62%, 52%
CMY	0.4157, 0.3843, 0.4784
CMYK	0.05, 0.00, 0.15, 0.38
HSL	80°, 11%, 57%
HSV	80°, 15%, 62%
XYZ	28.6850, 32.1970, 26.8931
YIQ	151.8720, 2.9360, -9.1600

Conversions

Conversions Part 2

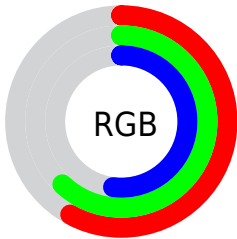
Format	Color
RYB	133, 157, 141
Decimal	9805189
CIELab	63.51, -7.31, 11.59
CIELCh	64, 13.707, 122.237
Yxy	32.1970, 0.3268, 0.3668
Android (android.graphics.Color)	4287995269 (0xFF959D85)
YUV	151.8720, -9.3039, -2.5187
Hunter-Lab	56.7424, -9.0618, 11.6191

Details

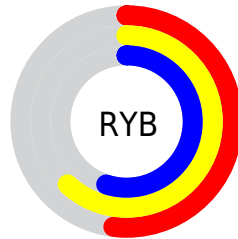
The RYB color **133, 157, 141** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **141, 133, 157**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **186, 212, 195**, and **83, 106, 91** is the 20% darker color. If you saturate the color by 10%, you get **117, 157, 130**, and if you desaturate by 10%, it is **149, 157, 152**.

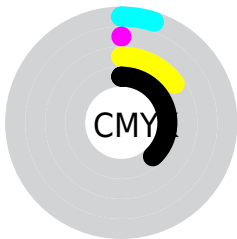
Distribution



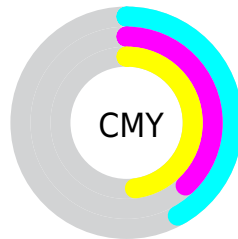
- Red (58%)
- Green (62%)
- Blue (52%)



- Red (52%)
- Yellow (62%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 133, 157, 141 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 133, 157, 141 by changing the saturation by 10% instead.


 133, 157, 141


255, 255, 255

 186, 212, 195

 214, 240, 223

 242, 255, 242


 133, 157, 141


 108, 131, 116

 83, 106, 91

 60, 82, 68

 38, 59, 46

 18, 37, 25

 0, 17, 16

 0, 0, 0

 133, 157, 141

 117, 157, 130

 133, 157, 141

 149, 157, 152

■ 102, 157, 120

■ 159, 157, 164

■ 86, 157, 110

■ 165, 157, 180

■ 70, 157, 99

■ 170, 157, 196

■ 54, 157, 88

■ 175, 157, 212

■ 39, 157, 78

■ 180, 157, 227

■ 23, 157, 68

■ 186, 157, 243

■ 7, 157, 57

■ 191, 157, 255

■ 0, 157, 52

■ 196, 157, 255

Harmonies

Analogous

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



144, 163, 130



133, 157, 141



135, 155, 160

Triad

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



133, 157, 141



128, 146, 175



178, 145, 153

Complementary

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



133, 157, 141



141, 133, 157

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.



171, 147, 165



133, 157, 141



142, 151, 178

Square

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



133, 157, 141



122, 142, 166



157, 150, 174



179, 147, 141

Rectangle

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



133, 157, 141



128, 148, 161



157, 150, 174



177, 146, 157

Sweetspot

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



133, 157, 141



194, 204, 197



157, 145, 133



96, 102, 98



230, 230, 230



102, 102, 102

Same Dimension

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



133, 157, 141



167, 204, 179



133, 157, 153



71, 79, 74



0, 143, 48



0, 15, 5

Inverse Universe

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



141, 133, 157



180, 167, 204



153, 133, 157



74, 71, 79



48, 0, 143



5, 0, 15

Previews

White Background



This preview shows how the RYB color 133, 157, 141 looks on a white background.

Color Contrast Check

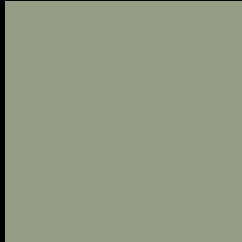
Large Text (above 18pt) WCAG AA × Fail

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 133, 157, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

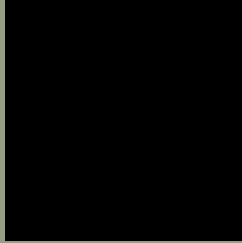
Any Text WCAG AA ✓ Pass

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 133, 157, 141 Background



This preview shows how black text looks on a background with the RYB color 133, 157, 141.



This preview shows how white text looks on a background with the RYB color 133, 157, 141.

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
133, 157, 141

Protanopia
144, 162, 131

Deuteranopia
175, 154, 135



Tritanopia

154, 153, 165

Trichromacy



Original Color

133, 157, 141

Protanomaly

135, 157, 132

Deuteranomaly

162, 166, 134

Tritanomaly

152, 153, 154

Monochromacy



Original Color

133, 157, 141

Achromatopsia

152, 152, 152

Achromatomaly

145, 154, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 133, 157, 141 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(149, 157, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 157, 133)  
}
```

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(149, 157, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 157, 133) }
```

Border

The CSS property to change the border of an element to RYB 133, 157, 141 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(149, 157, 133) }
```

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

```
.border{ border-color:rgb(149, 157, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 157, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 157, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 157, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 157,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 133, 157, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 157, 133) }
```

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

```
.background{ background-color: rgb(149,  
157, 133) }
```

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