

Converting Colors

`RYB(141, 171, 158)`

Have a look what the booklet for
RYB(141, 171, 158) contains.

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Color

R_YB(141, 171, 158)

Conversions

Conversions Part 1

Format	Color
Hex	9AAB8D
RGB	154, 171, 141
RGB Percent	60%, 67%, 55%
CMY	0.3961, 0.3294, 0.4471
CMYK	0.10, 0.00, 0.18, 0.33
HSL	94°, 15%, 61%
HSV	94°, 18%, 67%
XYZ	32.6971, 37.9189, 30.7951
YIQ	162.4970, -0.5020, -12.9340

Conversions

Conversions Part 2

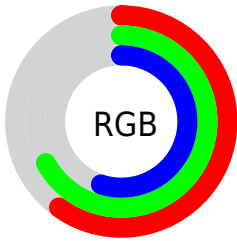
Format	Color
RYB	141, 171, 158
Decimal	10136461
CIELab	67.96, -11.56, 13.48
CIELCh	68, 17.755, 130.611
Yxy	37.9189, 0.3224, 0.3739
Android (android.graphics.Color)	4288326541 (0xFF9AAB8D)
YUV	162.4970, -10.5980, -7.4519
Hunter-Lab	61.5784, -12.9817, 13.4542

Details

The RYB color **141, 171, 158** is a light color, and the websafe version is hex **999966**. A complement of this color would be **158, 141, 171**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **195, 226, 212**, and **91, 119, 107** is the 20% darker color. If you saturate the color by 10%, you get **124, 171, 151**, and if you desaturate by 10%, it is **158, 171, 165**.

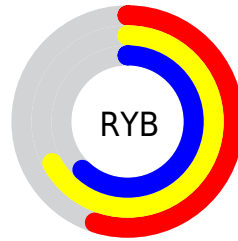
Distribution



Red (60%)

Green (67%)

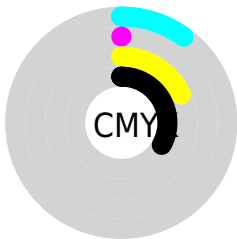
Blue (55%)



Red (55%)

Yellow (67%)

Blue (62%)

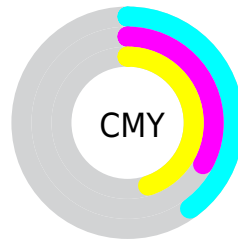


Cyan (10%)

Magenta (0%)

Yellow (18%)

Black (33%)



Cyan (40%)


Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 171, 158 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, 171, 158 by changing the saturation by 10% instead.


 141, 171, 158

255, 255, 255


 195, 226, 212

 223, 255, 241

 251, 255, 251

 141, 171, 158

 115, 144, 131

 91, 119, 107


 67, 94, 83


 45, 70, 60


 24, 48, 38

 0, 27, 13


 0, 0, 0

 141, 171, 158


 124, 171, 151


 141, 171, 158


 158, 171, 165

 107, 171, 143


 173, 171, 175


 90, 171, 136


 183, 171, 192


 73, 171, 129


 193, 171, 209


 56, 171, 121


 202, 171, 226

 38, 171, 113


 212, 171, 244


 21, 171, 106

 222, 171, 255

 4, 171, 99

 232, 171, 255

 0, 171, 97

 241, 171, 255

Harmonies

Analogous

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



141, 172, 134



141, 171, 158



137, 162, 174

Triad

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



141, 171, 158



135, 157, 195



199, 154, 160

Complementary

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



141, 171, 158



158, 141, 171

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.



191, 156, 177



141, 171, 158



155, 163, 197

Square

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



141, 171, 158



124, 152, 186



176, 160, 190



197, 161, 145

Rectangle

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



141, 171, 158



128, 154, 175



176, 160, 190



197, 154, 166

Sweetspot

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



141, 171, 158



211, 222, 217



164, 171, 141



105, 112, 109



240, 240, 240



112, 112, 112

Same Dimension

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



141, 171, 158



175, 222, 202



141, 169, 171



78, 87, 83



0, 150, 85



0, 23, 13

Inverse Universe

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



158, 141, 171



202, 175, 222



171, 141, 169



83, 78, 87



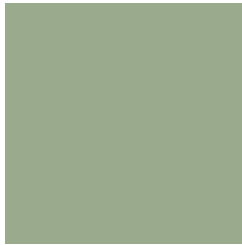
85, 0, 150



13, 0, 23

Previews

White Background



This preview shows how the RYB color 141, 171, 158 looks on a white background.

Color Contrast Check

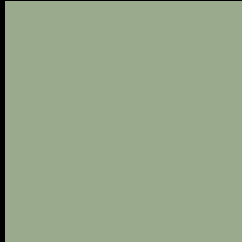
Large Text (above 18pt) WCAG AA × Fail

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, 171, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

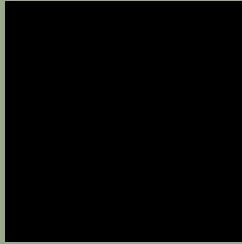
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

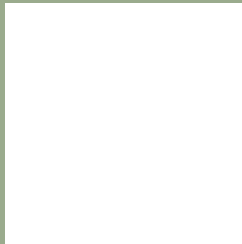
Any Text WCAG AAA ✓ Pass

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

RGB 141, 171, 158 Background



This preview shows how black text looks on a background with the RGB color 141, 171, 158.



This preview shows how white text looks on a background with the RGB color 141, 171, 158.

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](#).

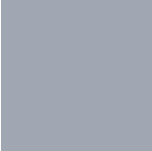
Dichromacy



Original Color
141, 171, 158

Protanopia
150, 174, 138

Deuteranopia
189, 168, 143



Tritanopia
160, 165, 179

Trichromacy



Original Color

141, 171, 158

Protanomaly

139, 167, 139

Deuteranomaly

163, 176, 142

Tritanomaly

158, 164, 168

Monochromacy



Original Color

141, 171, 158

Achromatopsia

162, 162, 162

Achromatomaly

154, 165, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 171, 158 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(154, 171, 141) looks like.

```
.text, #text, p{  
    color:rgb(154, 171, 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(154, 171, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 171, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 171, 158 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(154, 171, 141) }
```

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

```
.border{ border-color:rgb(154, 171, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 171, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 171, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 171, 141);  
box-shadow:4px 4px 4px 4px rgb(154, 171,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 171, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 171, 141) }
```

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

```
.background{ background-color: rgb(154,  
171, 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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