

Converting Colors

`RYB(143, 178, 164)`

Have a look what the booklet for
RYB(143, 178, 164) contains.

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Color

R_YB(143, 178, 164)

Conversions

Conversions Part 1

Format	Color
Hex	9DB28F
RGB	157, 178, 143
RGB Percent	62%, 70%, 56%
CMY	0.3843, 0.3020, 0.4392
CMYK	0.12, 0.00, 0.20, 0.30
HSL	96°, 19%, 63%
HSV	96°, 20%, 70%
XYZ	34.7829, 40.9921, 32.0656
YIQ	167.7310, -1.2810, -15.3370

Conversions

Conversions Part 2

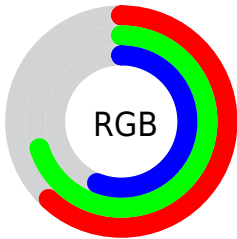
Format	Color
RYB	143, 178, 164
Decimal	10334863
CIELab	70.17, -13.78, 15.51
CIELCh	70, 20.748, 131.634
Yxy	40.9921, 0.3225, 0.3801
Android (android.graphics.Color)	4288524943 (0xFF9DB28F)
YUV	167.7310, -12.1924, -9.4111
Hunter-Lab	64.0250, -15.0699, 15.1234

Details

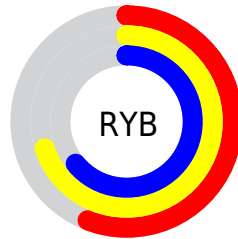
The RYB color **143, 178, 164** is a light color, and the websafe version is hex **999966**. A complement of this color would be **164, 143, 178**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **197, 234, 219**, and **93, 125, 113** is the 20% darker color. If you saturate the color by 10%, you get **125, 178, 157**, and if you desaturate by 10%, it is **161, 178, 171**.

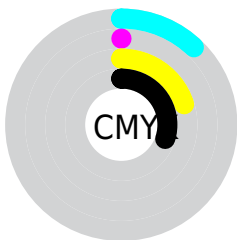
Distribution



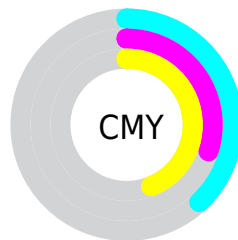
- Red (62%)
- Green (70%)
- Blue (56%)



- Red (56%)
- Yellow (70%)
- Blue (64%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (30%)



- Cyan (38%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 178, 164 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 143, 178, 164 by changing the saturation by 10% instead.

 143, 178, 164


255, 255, 255


 197, 234, 219

 225, 255, 240

254, 255, 254

 143, 178, 164

 117, 151, 137

 93, 125, 113

 69, 100, 88

 46, 76, 64


 25, 54, 44

 0, 32, 15


 0, 1, 1


 0, 0, 0


 143, 178, 164


 143, 178, 164

 125, 178, 157


 161, 178, 171


 107, 178, 149


 178, 178, 179


 90, 178, 143


 189, 178, 196


 72, 178, 136


 200, 178, 214

 54, 178, 128

 210, 178, 232

 36, 178, 121

 221, 178, 250


 18, 178, 114

 232, 178, 255

 1, 178, 107

 242, 178, 255

 0, 178, 107

 253, 178, 255

Harmonies

Analogous

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



141, 178, 135



143, 178, 164



136, 166, 181

Triad

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



143, 178, 164



135, 162, 207



210, 158, 165

Complementary

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



143, 178, 164



164, 143, 178

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.



202, 160, 184



143, 178, 164



159, 169, 208

Square

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



143, 178, 164



121, 154, 196



184, 164, 200



208, 165, 147

Rectangle

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



143, 178, 164



126, 157, 182



184, 164, 200



209, 158, 171

Sweetspot

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



143, 178, 164



218, 232, 226



166, 178, 143



109, 117, 114



245, 245, 245



117, 117, 117

Same Dimension

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



143, 178, 164



176, 232, 209



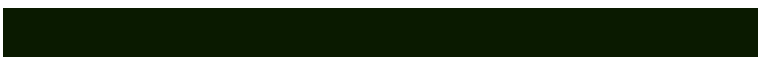
143, 175, 178



80, 89, 85



0, 153, 92



0, 26, 16

Inverse Universe

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



164, 143, 178



210, 176, 232



178, 143, 175



86, 80, 89



92, 0, 153



15, 0, 26

Previews

White Background



This preview shows how the RYB color 143, 178, 164 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 143, 178, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

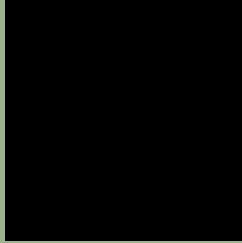
Any Text WCAG AA ✓ Pass

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](#).

R Y B 143, 178, 164 Background



This preview shows how black text looks on a background with the RYB color 143, 178, 164.

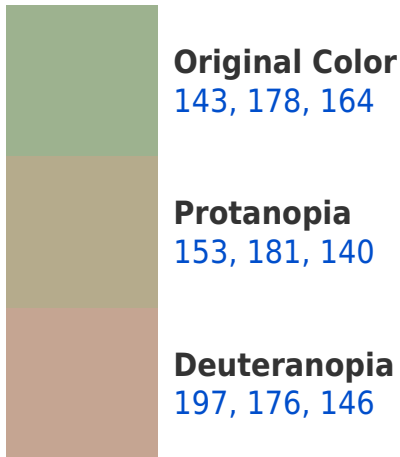


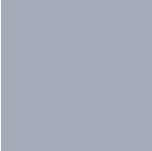
This preview shows how white text looks on a background with the RYB color 143, 178, 164.

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





Tritanopia

164, 170, 186

Trichromacy



Original Color

143, 178, 164

Protanomaly

141, 174, 143

Deuteranomaly

163, 182, 145

Tritanomaly

161, 169, 174

Monochromacy



Original Color

143, 178, 164

Achromatopsia

168, 168, 168

Achromatomaly

159, 172, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 178, 164 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(157, 178, 143)` looks like.

```
.text, #text, p{  
    color:rgb(157, 178, 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(157, 178, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 178, 143) }
```

Border

The CSS property to change the border of an element to RYB 143, 178, 164 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(157, 178, 143) }
```

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

```
.border{ border-color:rgb(157, 178, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 178, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 178, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 178, 143);  
box-shadow:4px 4px 4px 4px rgb(157, 178,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 143, 178, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 178, 143) }
```

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

```
.background{ background-color: rgb(157,  
178, 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](#).

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