

Converting Colors

`RYB(147, 183, 191)`

Have a look what the booklet for
RYB(147, 183, 191) contains.

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Color

R_YB(147, 183, 191)

Conversions

Conversions Part 1

Format	Color
Hex	93BF9D
RGB	147, 191, 157
RGB Percent	58%, 75%, 62%
CMY	0.4235, 0.2510, 0.3852
CMYK	0.23, 0.00, 0.18, 0.25
HSL	133°, 26%, 66%
HSV	133°, 23%, 75%
XYZ	36.7303, 45.8914, 38.7209
YIQ	173.9680, -15.3100, -19.9020

Conversions

Conversions Part 2

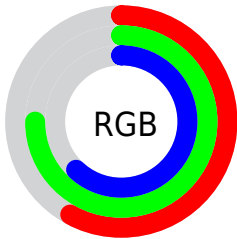
Format	Color
RYB	147, 183, 191
Decimal	9682845
CIELab	73.48, -21.47, 12.57
CIElCh	73, 24.884, 149.656
Yxy	45.8914, 0.3027, 0.3782
Android (android.graphics.Color)	4287872925 (0xFF93BF9D)
YUV	173.9680, -8.3652, -23.6509
Hunter-Lab	67.7432, -21.7681, 13.5310

Details

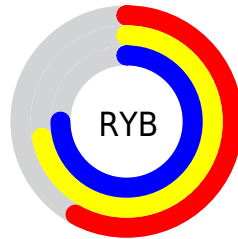
The RYB color **147, 183, 191** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **191, 147, 181**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **202, 240, 248**, and **95, 128, 137** is the 20% darker color. If you saturate the color by 10%, you get **128, 180, 191**, and if you desaturate by 10%, it is **166, 186, 191**.

Distribution



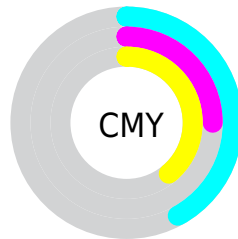
- Red (58%)
- Green (75%)
- Blue (62%)



- Red (58%)
- Yellow (72%)
- Blue (75%)



- Cyan (23%)
- Magenta (0%)
- Yellow (18%)
- Black (25%)



- Cyan (42%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 183, 191 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 147, 183, 191 by changing the saturation by 10% instead.


 147, 183, 191


255, 255, 255


 202, 240, 248

 230, 248, 255

 147, 183, 191

 121, 156, 164


 95, 129, 137

 71, 104, 112


 47, 78, 87

 23, 54, 64

 0, 29, 41

 0, 20, 20


 0, 0, 0

 147, 183, 191


 147, 183, 191

 128, 180, 191


 166, 186, 191


 109, 176, 191


 185, 190, 191


 90, 173, 191


 204, 191, 201


 71, 170, 191


 223, 191, 216


 51, 165, 191


 243, 191, 231

 32, 162, 191

 255, 191, 246

 13, 158, 191

 255, 191, 255

 0, 157, 191

Harmonies

Analogous

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



140, 186, 153



147, 183, 191



125, 163, 193

Triad

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



147, 183, 191



152, 174, 226



227, 167, 159

Complementary

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



147, 183, 191



191, 147, 181

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.



225, 164, 182



147, 183, 191



184, 175, 220

Square

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



147, 183, 191



125, 163, 219



210, 168, 204



217, 189, 142

Rectangle

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



147, 183, 191



116, 155, 195



210, 168, 204



227, 165, 166

Sweetspot

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



147, 183, 191



230, 244, 247



147, 191, 157



115, 123, 125



252, 252, 252



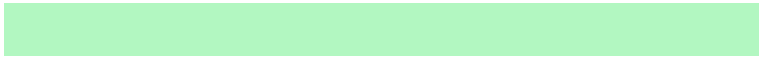
125, 125, 125

Same Dimension

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



147, 183, 191



178, 235, 247



147, 172, 191



85, 92, 94



0, 129, 158



0, 25, 31

Inverse Universe

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



191, 147, 181



247, 178, 232



191, 147, 159



94, 85, 92



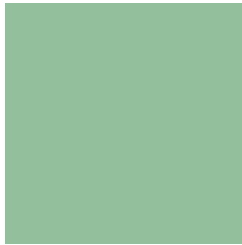
158, 0, 123



31, 0, 24

Previews

White Background



This preview shows how the RYB color 147, 183, 191 looks on a white background.

Color Contrast Check

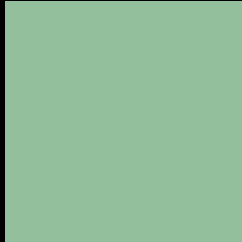
Large Text (above 18pt) WCAG AA × Fail

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 147, 183, 191 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

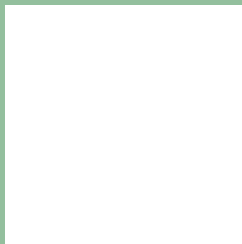
Any Text WCAG AAA ✓ Pass

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

RYB 147, 183, 191 Background



This preview shows how black text looks on a background with the RYB color 147, 183, 191.

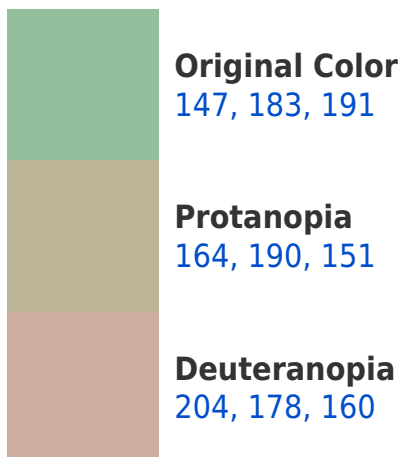


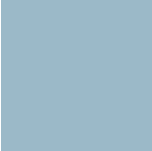
This preview shows how white text looks on a background with the RYB color 147, 183, 191.

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
155, 173, 200

Trichromacy



Original Color
147, 183, 191

Protanomaly
153, 184, 163

Deuteranomaly
162, 183, 159

Tritanomaly
152, 170, 187

Monochromacy



Original Color
147, 183, 191

Achromatopsia
174, 174, 174

Achromatomaly
164, 177, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 183, 191 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, 191, 157)` looks like.

```
.text, #text, p{  
    color:rgb(147, 191, 157)  
}
```

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, 191, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 191, 157) }
```

Border

The CSS property to change the border of an element to RYB 147, 183, 191 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, 191, 157) }
```

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

```
.border{ border-color:rgb(147, 191, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 191, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 191, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 191, 157);  
box-shadow:4px 4px 4px 4px rgb(147, 191,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 147, 183, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 191, 157) }
```

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

```
.background{ background-color: rgb(147,  
191, 157) }
```

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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