

Converting Colors

`RYB(147, 182, 199)`

Have a look what the booklet for RYB(147, 182, 199) contains.

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Color

R_YB(147, 182, 199)

Conversions

Conversions Part 1

Format	Color
Hex	93C7AC
RGB	147, 199, 172
RGB Percent	58%, 78%, 67%
CMY	0.4235, 0.2196, 0.3245
CMYK	0.26, 0.00, 0.13, 0.22
HSL	149°, 32%, 68%
HSV	149°, 26%, 78%
XYZ	39.9272, 50.0383, 46.7133
YIQ	180.3740, -22.3250, -19.4210

Conversions

Conversions Part 2

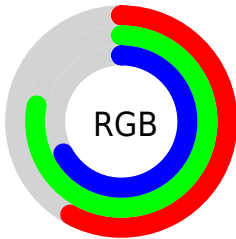
Format	Color
RYB	147, 182, 199
Decimal	9684908
CIELab	76.09, -22.48, 7.94
CIELCh	76, 23.845, 160.554
Yxy	50.0383, 0.2921, 0.3661
Android (android.graphics.Color)	4287874988 (0xFF93C7AC)
YUV	180.3740, -4.1284, -29.2690
Hunter-Lab	70.7378, -23.0388, 10.3629

Details

The RYB color **147, 182, 199** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **199, 147, 174**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **202, 238, 255**, and **95, 128, 145** is the 20% darker color. If you saturate the color by 10%, you get **127, 175, 199**, and if you desaturate by 10%, it is **167, 189, 199**.

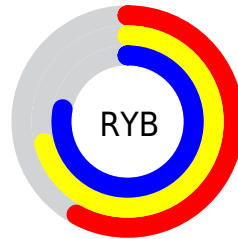
Distribution



Red (58%)

Green (78%)

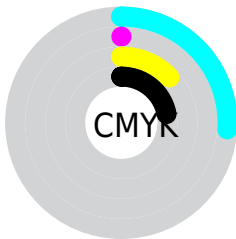
Blue (67%)



Red (58%)

Yellow (71%)

Blue (78%)

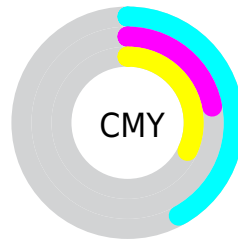


Cyan (26%)

Magenta (0%)

Yellow (13%)

Black (22%)



Cyan (42%)

Magenta (22%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 182, 199 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, 182, 199 by changing the saturation by 10% instead.


 147, 182, 199


255, 255, 255


 202, 238, 255


 230, 243, 255

 147, 182, 199

 121, 155, 172

 95, 128, 145

 70, 102, 119


 46, 77, 94


 20, 52, 70


 0, 29, 47

 0, 26, 28


 0, 0, 0

 147, 182, 199


 147, 182, 199

 127, 175, 199


 167, 189, 199

 107, 169, 199


 187, 195, 199

 87, 162, 199


 207, 199, 203

 67, 156, 199

 227, 199, 213

 48, 150, 199


 247, 199, 223

 28, 143, 199

 255, 199, 234

 8, 136, 199

 255, 199, 244

 0, 134, 199

 255, 199, 254

 255, 199, 255

Harmonies

Analogous

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



154, 195, 178



147, 182, 199



129, 166, 200

Triad

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



147, 182, 199



172, 184, 231



230, 179, 160

Complementary

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



147, 182, 199



199, 147, 174

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.



233, 172, 180



147, 182, 199



201, 179, 221

Square

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



147, 182, 199



144, 175, 229



223, 174, 203



217, 213, 147

Rectangle

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



147, 182, 199



125, 164, 209



223, 174, 203



232, 174, 166

Sweetspot

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



147, 182, 199



235, 248, 255



147, 199, 172



115, 124, 128



0, 0, 0



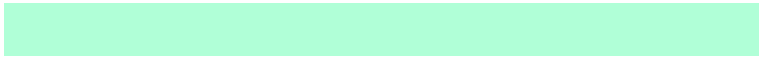
128, 128, 128

Same Dimension

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



147, 182, 199



176, 229, 255



147, 173, 199



90, 96, 99



0, 110, 163



0, 24, 36

Inverse Universe

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



199, 147, 174



255, 176, 217



199, 147, 148



99, 90, 95



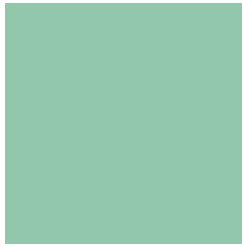
163, 0, 84



36, 0, 18

Previews

White Background



This preview shows how the RYB color 147, 182, 199 looks on a white background.

Color Contrast Check

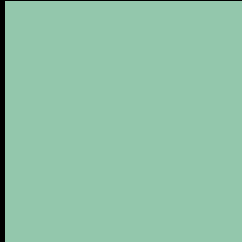
Large Text (above 18pt) WCAG AA × Fail

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, 182, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

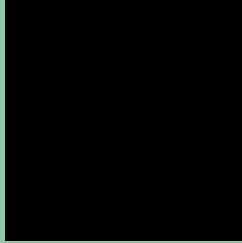
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

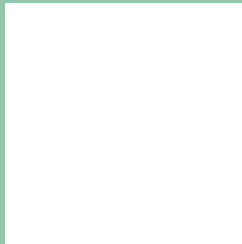
Any Text WCAG AAA ✓ Pass

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

RYB 147, 182, 199 Background



This preview shows how black text looks on a background with the RYB color 147, 182, 199.

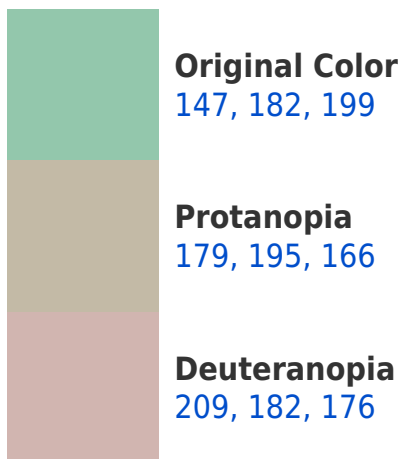


This preview shows how white text looks on a background with the RYB color 147, 182, 199.

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](#).

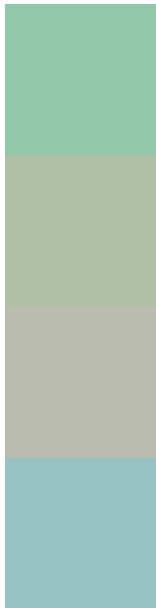
Dichromacy





Tritanopia
154, 177, 209

Trichromacy



Original Color
147, 182, 199

Protanomaly
168, 191, 181

Deuteranomaly
175, 188, 177

Tritanomaly
151, 174, 196

Monochromacy



Original Color
147, 182, 199

Achromatopsia
180, 180, 180

Achromatomaly
168, 181, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 182, 199 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, 199, 172)` looks like.

```
.text, #text, p{  
    color:rgb(147, 199, 172)  
}
```

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, 199, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 199, 172) }
```

Border

The CSS property to change the border of an element to RYB 147, 182, 199 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, 199, 172) }
```

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

```
.border{ border-color:rgb(147, 199, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 199, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 199, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 199, 172);  
box-shadow:4px 4px 4px 4px rgb(147, 199,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 147, 182, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 199, 172) }
```

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

```
.background{ background-color: rgb(147,  
199, 172) }
```

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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