

Converting Colors

`RYB(147, 194, 213)`

Have a look what the booklet for
RYB(147, 194, 213) contains.

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Color

R_YB(147, 194, 213)

Conversions

Conversions Part 1

Format	Color
Hex	93D5AE
RGB	147, 213, 174
RGB Percent	58%, 84%, 68%
CMY	0.4235, 0.1647, 0.3189
CMYK	0.31, 0.00, 0.18, 0.16
HSL	144°, 44%, 71%
HSV	144°, 31%, 84%
XYZ	43.4358, 56.8351, 48.5624
YIQ	188.8200, -26.8170, -26.1210

Conversions

Conversions Part 2

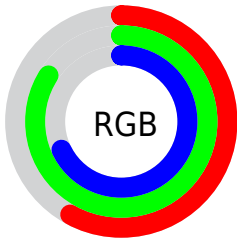
Format	Color
RYB	147, 194, 213
Decimal	9688494
CIELab	80.09, -29.04, 12.86
CIELCh	80, 31.758, 156.113
Yxy	56.8351, 0.2918, 0.3819
Android (android.graphics.Color)	4287878574 (0xFF93D5AE)
YUV	188.8200, -7.3063, -36.6761
Hunter-Lab	75.3891, -29.0872, 14.5802

Details

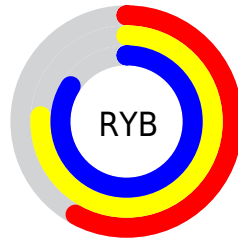
The RYB color **147, 194, 213** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **213, 147, 186**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **202, 237, 255**, and **94, 139, 158** is the 20% darker color. If you saturate the color by 10%, you get **126, 188, 213**, and if you desaturate by 10%, it is **168, 200, 213**.

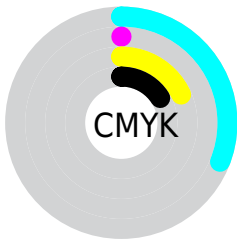
Distribution



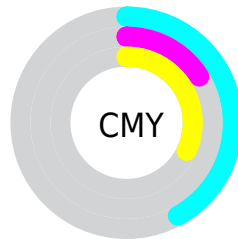
- Red (58%)
- Green (84%)
- Blue (68%)



- Red (58%)
- Yellow (76%)
- Blue (84%)



- Cyan (31%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)




- Cyan (42%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 194, 213 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, 194, 213 by changing the saturation by 10% instead.

 147, 194, 213


255, 255, 255


 202, 237, 255

 231, 243, 255

 147, 194, 213

 120, 166, 185

 94, 139, 158

 68, 113, 132

 42, 85, 106


 12, 57, 82

 0, 39, 58


 0, 32, 36

 0, 1, 1


 0, 0, 0

 147, 194, 213


 147, 194, 213

 126, 188, 213


 168, 200, 213

 104, 182, 213


 190, 207, 213

 83, 175, 213


 211, 212, 213

 62, 170, 213

 232, 213, 224

 40, 163, 213

 254, 213, 237

 19, 157, 213

 255, 213, 250

 0, 152, 213

 255, 213, 255

Harmonies

Analogous

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



150, 207, 176



147, 194, 213



117, 169, 215

Triad

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



147, 194, 213



170, 192, 255



255, 183, 165

Complementary

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



147, 194, 213



213, 147, 186

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.



255, 177, 194



147, 194, 213



211, 189, 247

Square

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



147, 194, 213



129, 177, 252



242, 180, 223



240, 227, 145

Rectangle

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



147, 194, 213



107, 163, 224



242, 180, 223



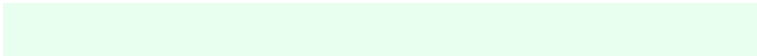
255, 178, 174

Sweetspot

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



147, 194, 213



232, 249, 255



147, 213, 173



113, 124, 128



0, 0, 0



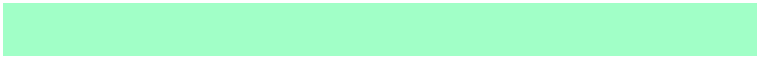
128, 128, 128

Same Dimension

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



147, 194, 213



161, 228, 255



147, 182, 213



96, 104, 107



0, 122, 171



0, 30, 43

Inverse Universe

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



213, 147, 186



255, 161, 217



213, 147, 154



107, 96, 103



171, 0, 102



43, 0, 26

Previews

White Background



This preview shows how the RYB color 147, 194, 213 looks on a white background.

Color Contrast Check

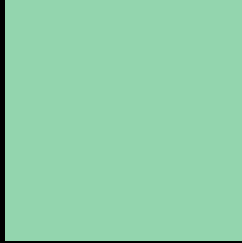
Large Text (above 18pt) WCAG AA × Fail

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, 194, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

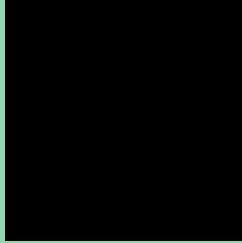
Any Text WCAG AA ✓ Pass

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, 194, 213 Background



This preview shows how black text looks on a background with the RYB color 147, 194, 213.

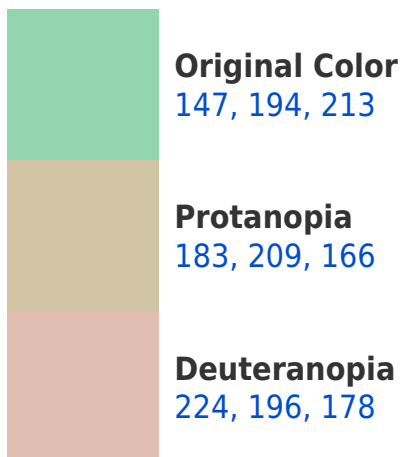


This preview shows how white text looks on a background with the RYB color 147, 194, 213.

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





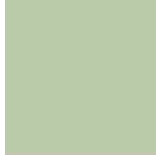
Tritanopia
157, 185, 223

Trichromacy



Original Color

147, 194, 213



Protanomaly

169, 203, 186



Deuteranomaly

176, 199, 179



Tritanomaly

153, 182, 209

Monochromacy



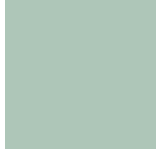
Original Color

147, 194, 213



Achromatopsia

189, 189, 189



Achromatomaly

174, 191, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 194, 213 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, 213, 174)` looks like.

```
.text, #text, p{  
    color:rgb(147, 213, 174)  
}
```

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, 213, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 213, 174) }
```

Border

The CSS property to change the border of an element to RYB 147, 194, 213 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, 213, 174) }
```

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

```
.border{ border-color:rgb(147, 213, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 213, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 213, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 213, 174);  
box-shadow:4px 4px 4px 4px rgb(147, 213,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 147, 194, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 213, 174) }
```

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

```
.background{ background-color: rgb(147,  
213, 174) }
```

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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