

Converting Colors

`RYB(123, 183, 187)`

Have a look what the booklet for
RYB(123, 183, 187) contains.

RYB(123, 183, 187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(123, 183, 187)

Conversions

Conversions Part 1

Format	Color
Hex	7BBB7F
RGB	123, 187, 127
RGB Percent	48%, 73%, 50%
CMY	0.5176, 0.2667, 0.5009
CMYK	0.34, 0.00, 0.32, 0.27
HSL	124°, 32%, 61%
HSV	124°, 34%, 73%
XYZ	29.7869, 41.2909, 26.5699
YIQ	161.0240, -18.8840, -32.2280

Conversions

Conversions Part 2

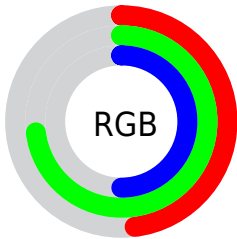
Format	Color
RYB	123, 183, 187
Decimal	8108927
CIELab	70.38, -32.70, 23.95
CIElCh	70, 40.532, 143.780
Yxy	41.2909, 0.3050, 0.4229
Android (android.graphics.Color)	4286299007 (0xFF7BBB7F)
YUV	161.0240, -16.7738, -33.3470
Hunter-Lab	64.2580, -29.7075, 20.4649

Details

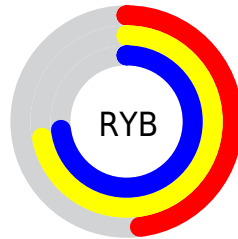
The RYB color **123, 183, 187** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **187, 123, 183**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **177, 241, 244**, and **71, 128, 133** is the 20% darker color. If you saturate the color by 10%, you get **104, 181, 187**, and if you desaturate by 10%, it is **142, 184, 187**.

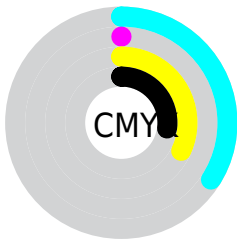
Distribution



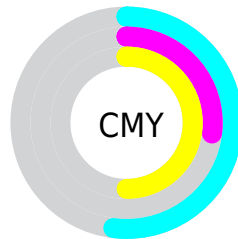
- Red (48%)
- Green (73%)
- Blue (50%)



- Red (48%)
- Yellow (72%)
- Blue (73%)



- Cyan (34%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (52%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 183, 187 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 123, 183, 187 by changing the saturation by 10% instead.

 123, 183, 187


255, 255, 255


 177, 241, 244


 206, 253, 255

 234, 253, 255

 123, 183, 187

 97, 155, 160

 71, 127, 133

 45, 100, 108

 16, 70, 83

 0, 51, 59

 0, 38, 38


 0, 3, 3


 0, 0, 0


 123, 183, 187


 123, 183, 187


 104, 181, 187


 142, 184, 187


 86, 181, 187


 160, 185, 187


 67, 180, 187


 179, 186, 187

 48, 179, 187

 198, 187, 197


 30, 178, 187

 216, 187, 215

 11, 176, 187

 235, 187, 232

 0, 176, 187

 254, 187, 249

 255, 187, 255

Harmonies

Analogous

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



103, 179, 116



123, 183, 187



71, 139, 191

Triad

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



123, 183, 187



102, 152, 245



243, 145, 144

Complementary

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



123, 183, 187



187, 123, 183

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.



238, 144, 181



123, 183, 187



165, 165, 239

Square

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



123, 183, 187



2, 104, 231



211, 152, 216



230, 175, 114

Rectangle

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



123, 183, 187



13, 104, 192



211, 152, 216



244, 143, 156

Sweetspot

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



123, 183, 187



218, 240, 242



123, 187, 127



108, 121, 122



250, 250, 250



122, 122, 122

Same Dimension

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



123, 183, 187



143, 235, 242



123, 164, 187



85, 93, 94



0, 148, 158



0, 29, 31

Inverse Universe

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



187, 123, 183



242, 143, 236



187, 123, 151



94, 85, 94



158, 0, 148



31, 0, 29

Previews

White Background



This preview shows how the RYB color 123, 183, 187 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 123, 183, 187 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 123, 183, 187 Background



This preview shows how black text looks on a background with the RYB color 123, 183, 187.

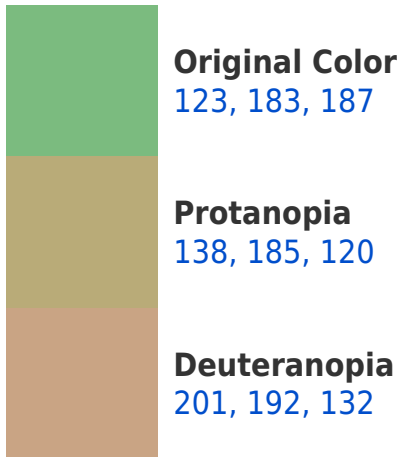


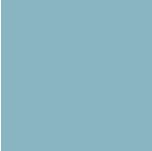
This preview shows how white text looks on a background with the RYB color 123, 183, 187.

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
136, 161, 193

Trichromacy



Original Color

123, 183, 187



Protanomaly

123, 177, 138



Deuteranomaly

131, 173, 130



Tritanomaly

131, 160, 182

Monochromacy



Original Color

123, 183, 187



Achromatopsia

161, 161, 161



Achromatomaly

147, 168, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 183, 187 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(123, 187, 127)` looks like.

```
.text, #text, p{  
    color:rgb(123, 187, 127)  
}
```

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(123, 187, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 187, 127) }
```

Border

The CSS property to change the border of an element to RYB 123, 183, 187 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(123, 187, 127) }
```

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

```
.border{ border-color:rgb(123, 187, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 187, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 187, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 187, 127);  
box-shadow:4px 4px 4px 4px rgb(123, 187,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 123, 183, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 187, 127) }
```

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

```
.background{ background-color: rgb(123,  
187, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor