

Converting Colors

`RYB(122, 168, 185)`

Have a look what the booklet for
RYB(122, 168, 185) contains.

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Color

R_YB(122, 168, 185)

Conversions

Conversions Part 1

Format	Color
Hex	7AB991
RGB	122, 185, 145
RGB Percent	48%, 73%, 57%
CMY	0.5216, 0.2745, 0.4303
CMYK	0.34, 0.00, 0.21, 0.27
HSL	142°, 31%, 60%
HSV	142°, 34%, 73%
XYZ	30.5077, 40.8886, 33.1868
YIQ	161.6030, -24.7080, -25.7960

Conversions

Conversions Part 2

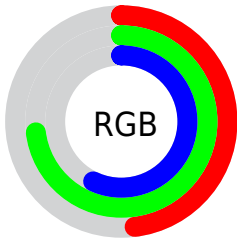
Format	Color
RYB	122, 168, 185
Decimal	8042897
CIELab	70.10, -28.77, 13.85
CIELCh	70, 31.929, 154.295
Yxy	40.8886, 0.2917, 0.3910
Android (android.graphics.Color)	4286232977 (0xFF7AB991)
YUV	161.6030, -8.1853, -34.7318
Hunter-Lab	63.9442, -26.7402, 13.9896

Details

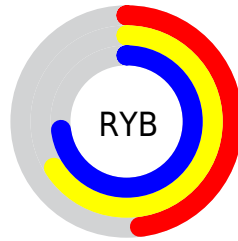
The RYB color **122, 168, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 122, 162**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **176, 224, 241**, and **70, 115, 132** is the 20% darker color. If you saturate the color by 10%, you get **104, 163, 185**, and if you desaturate by 10%, it is **141, 173, 185**.

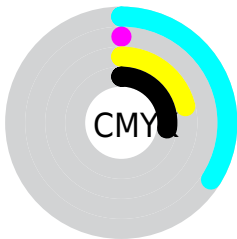
Distribution



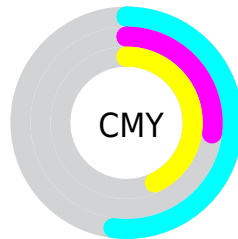
- Red (48%)
- Green (73%)
- Blue (57%)



- Red (48%)
- Yellow (66%)
- Blue (73%)



- Cyan (34%)
- Magenta (0%)
- Yellow (21%)
- Black (27%)




- Cyan (52%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 168, 185 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 122, 168, 185 by changing the saturation by 10% instead.


 122, 168, 185


255, 255, 255


 176, 224, 241

 204, 239, 255

 233, 244, 255

 122, 168, 185


 96, 141, 158

 70, 114, 132

 45, 88, 106


 16, 60, 81


 0, 40, 58


 0, 34, 36


 0, 1, 1


 0, 0, 0

 122, 168, 185


 122, 168, 185


 104, 163, 185


 141, 173, 185

 85, 158, 185


 159, 178, 185

 67, 153, 185


 178, 183, 185


 48, 148, 185

 196, 185, 192


 30, 143, 185

 214, 185, 204

 11, 138, 185

 233, 185, 215

 0, 135, 185

 252, 185, 227

 255, 185, 239

 255, 185, 250

Harmonies

Analogous

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



123, 179, 146



122, 168, 185



89, 141, 187

Triad

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



122, 168, 185



139, 164, 229



227, 155, 140

Complementary

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



122, 168, 185



185, 122, 162

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.



228, 149, 168



122, 168, 185



181, 162, 219

Square

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



122, 168, 185



96, 147, 223



212, 153, 197



212, 194, 120

Rectangle

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



122, 168, 185



75, 133, 194



212, 153, 197



229, 151, 149

Sweetspot

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



122, 168, 185



216, 233, 240



122, 185, 145



105, 116, 120



247, 247, 247



120, 120, 120

Same Dimension

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



122, 168, 185



141, 213, 240



122, 156, 185



83, 90, 92



0, 114, 156



0, 21, 28

Inverse Universe

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



185, 122, 162



240, 141, 203



185, 122, 130



92, 83, 88



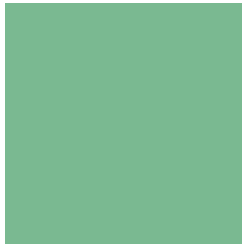
156, 0, 98



28, 0, 18

Previews

White Background



This preview shows how the RYB color 122, 168, 185 looks on a white background.

Color Contrast Check

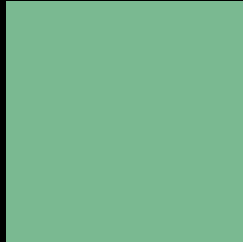
Large Text (above 18pt) WCAG AA × Fail

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 122, 168, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

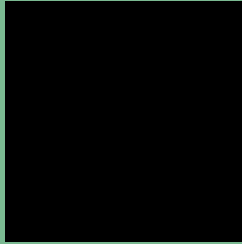
Any Text WCAG AA ✓ Pass

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 122, 168, 185 Background



This preview shows how black text looks on a background with the RYB color 122, 168, 185.

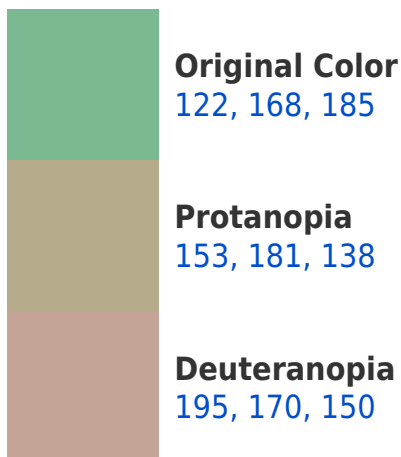


This preview shows how white text looks on a background with the RYB color 122, 168, 185.

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
132, 159, 193

Trichromacy



Original Color
122, 168, 185

Protanomaly
141, 175, 156

Deuteranomaly
148, 172, 152

Tritanomaly
128, 156, 181

Monochromacy



Original Color
122, 168, 185

Achromatopsia
162, 162, 162

Achromatomaly
147, 164, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 168, 185 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(122, 185, 145)` looks like.

```
.text, #text, p{  
    color:rgb(122, 185, 145)  
}
```

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(122, 185, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 185, 145) }
```

Border

The CSS property to change the border of an element to RYB 122, 168, 185 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(122, 185, 145) }
```

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

```
.border{ border-color:rgb(122, 185, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 185, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 185, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 185, 145);  
box-shadow:4px 4px 4px 4px rgb(122, 185,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 122, 168, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 185, 145) }
```

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

```
.background{ background-color: rgb(122,  
185, 145) }
```

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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