

Converting Colors

`RYB(162, 185, 203)`

Have a look what the booklet for
RYB(162, 185, 203) contains.

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Color

R_YB(162, 185, 203)

Conversions

Conversions Part 1

Format	Color
Hex	A2CBC2
RGB	162, 203, 194
RGB Percent	64%, 80%, 76%
CMY	0.3647, 0.2039, 0.2389
CMYK	0.20, 0.00, 0.04, 0.20
HSL	167°, 28%, 72%
HSV	167°, 20%, 80%
XYZ	46.0036, 54.2922, 59.1450
YIQ	189.7150, -21.5470, -11.4910

Conversions

Conversions Part 2

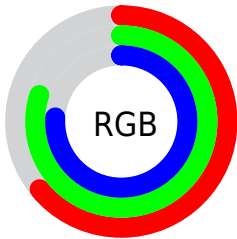
Format	Color
R _{YB}	162, 185, 203
Decimal	10668994
CIE Lab	78.63, -15.32, -0.03
CIE LCh	79, 15.322, 180.103
Yxy	54.2922, 0.2885, 0.3405
Android (android.graphics.Color)	4288859074 (0xFFA2CBC2)
YUV	189.7150, 2.1125, -24.3061
Hunter-Lab	73.6832, -17.5005, 3.9867

Details

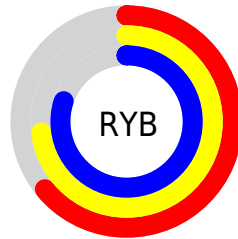
The RYB color **162, 185, 203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **203, 162, 171**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **217, 237, 255**, and **110, 132, 149** is the 20% darker color. If you saturate the color by 10%, you get **142, 176, 203**, and if you desaturate by 10%, it is **182, 194, 203**.

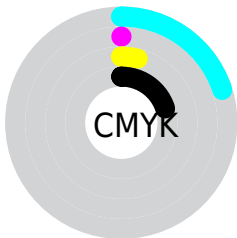
Distribution



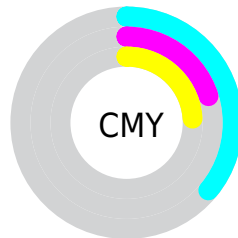
- Red (64%)
- Green (80%)
- Blue (76%)



- Red (64%)
- Yellow (73%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 185, 203 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 162, 185, 203 by changing the saturation by 10% instead.

 162, 185, 203


255, 255, 255


 217, 237, 255

 246, 251, 255

 162, 185, 203


 135, 158, 176

 110, 132, 149

 84, 106, 123

 60, 81, 98


 37, 57, 74


 13, 34, 51

 0, 17, 30


 0, 0, 0

 162, 185, 203


 162, 185, 203

 142, 176, 203


 182, 194, 203

 121, 167, 203


 203, 203, 203

 101, 158, 203


 223, 203, 207

 81, 150, 203


 243, 203, 212

 60, 140, 203

 255, 203, 216

 40, 131, 203

 255, 203, 221

 20, 123, 203

 255, 203, 225

 0, 114, 203

 255, 203, 229

 255, 203, 234

Harmonies

Analogous

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



174, 196, 201



162, 185, 203



158, 181, 208

Triad

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



162, 185, 203



197, 191, 219



219, 201, 170

Complementary

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



162, 185, 203



203, 162, 171

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, 187, 181



162, 185, 203



213, 187, 209

Square

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



162, 185, 203



179, 191, 223



223, 185, 195



183, 206, 166

Rectangle

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



162, 185, 203



161, 184, 216



223, 185, 195



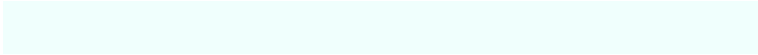
221, 195, 173

Sweetspot

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



162, 185, 203



240, 248, 255



162, 203, 193



119, 124, 128



0, 0, 0



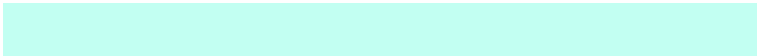
128, 128, 128

Same Dimension

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



162, 185, 203



194, 228, 255



162, 179, 203



92, 98, 102



0, 93, 166



0, 21, 38

Inverse Universe

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



203, 162, 171



255, 194, 207



203, 177, 162



102, 92, 94



166, 0, 36



38, 0, 8

Previews

White Background



This preview shows how the RYB color 162, 185, 203 looks on a white background.

Color Contrast Check

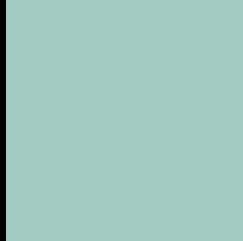
Large Text (above 18pt) WCAG AA × Fail

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 162, 185, 203 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 162, 185, 203 Background



This preview shows how black text looks on a background with the RYB color 162, 185, 203.



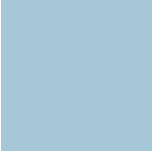
This preview shows how white text looks on a background with the RYB color 162, 185, 203.

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
166, 186, 216

Trichromacy



Original Color
162, 185, 203

Protanomaly
186, 194, 197

Deuteranomaly
193, 193, 196

Tritanomaly
165, 185, 208

Monochromacy



Original Color
162, 185, 203

Achromatopsia
190, 190, 190

Achromatomaly
180, 189, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 185, 203 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(162, 203, 194)` looks like.

```
.text, #text, p{  
    color:rgb(162, 203, 194)  
}
```

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(162, 203, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 203, 194) }
```

Border

The CSS property to change the border of an element to RYB 162, 185, 203 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(162, 203, 194) }
```

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

```
.border{ border-color:rgb(162, 203, 194) }
```

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

Here you see how a box with a 4 pixel rgb(162, 203, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 203, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 203, 194);  
box-shadow:4px 4px 4px 4px rgb(162, 203,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 162, 185, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 203, 194) }
```

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

```
.background{ background-color: rgb(162,  
203, 194) }
```

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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