

Converting Colors

`RYB(161, 187, 202)`

Have a look what the booklet for
RYB(161, 187, 202) contains.

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Color

R_YB(161, 187, 202)

Conversions

Conversions Part 1

Format	Color
Hex	A1CAB9
RGB	161, 202, 185
RGB Percent	63%, 79%, 73%
CMY	0.3686, 0.2078, 0.2759
CMYK	0.20, 0.00, 0.09, 0.21
HSL	155°, 28%, 71%
HSV	155°, 20%, 79%
XYZ	44.5389, 53.3063, 53.6493
YIQ	187.8030, -18.9790, -13.9790

Conversions

Conversions Part 2

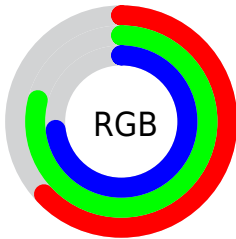
Format	Color
RYB	161, 187, 202
Decimal	10603193
CIELab	78.06, -17.05, 4.20
CIELCh	78, 17.559, 166.166
Yxy	53.3063, 0.2940, 0.3519
Android (android.graphics.Color)	4288793273 (0xFFA1CAB9)
YUV	187.8030, -1.3819, -23.5062
Hunter-Lab	73.0112, -18.8794, 7.5410

Details

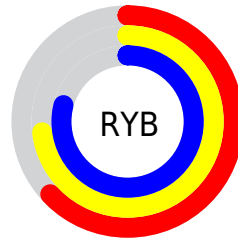
The RYB color **161, 187, 202** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **202, 161, 178**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **216, 240, 255**, and **109, 134, 148** is the 20% darker color. If you saturate the color by 10%, you get **141, 180, 202**, and if you desaturate by 10%, it is **181, 194, 202**.

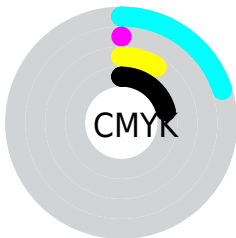
Distribution



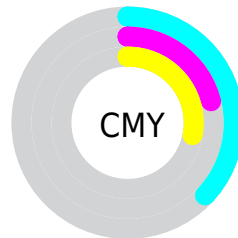
- Red (63%)
- Green (79%)
- Blue (73%)



- Red (63%)
- Yellow (73%)
- Blue (79%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (37%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 187, 202 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 161, 187, 202 by changing the saturation by 10% instead.


 161, 187, 202


255, 255, 255


 216, 240, 255

 245, 250, 255

 161, 187, 202

 134, 160, 175

 109, 134, 148

 84, 108, 122

 60, 83, 97


 36, 59, 73


 13, 35, 50


 0, 19, 30


 0, 0, 0


 161, 187, 202


 161, 187, 202

 141, 180, 202


 181, 194, 202

 121, 172, 202


 201, 202, 202

 100, 165, 202


 222, 202, 210

 80, 158, 202


 242, 202, 219

 60, 150, 202

 255, 202, 227

 40, 143, 202

 255, 202, 236

 20, 135, 202

 255, 202, 244

 0, 128, 202

 255, 202, 253

 255, 202, 255

Harmonies

Analogous

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



170, 199, 191



161, 187, 202



151, 178, 203

Triad

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



161, 187, 202



186, 190, 224



224, 191, 170

Complementary

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



161, 187, 202



202, 161, 178

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, 182, 185



161, 187, 202



207, 186, 216

Square

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



161, 187, 202



166, 186, 224



221, 182, 201



207, 213, 162

Rectangle

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



161, 187, 202



151, 179, 212



221, 182, 201



226, 185, 174

Sweetspot

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



161, 187, 202



240, 249, 255



161, 202, 184



119, 125, 128



0, 0, 0



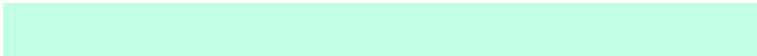
128, 128, 128

Same Dimension

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



161, 187, 202



194, 233, 255



161, 181, 202



92, 98, 102



0, 105, 166



0, 24, 38

Inverse Universe

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



202, 161, 178



255, 194, 220



202, 164, 161



102, 92, 96



166, 0, 70



38, 0, 16

Previews

White Background



This preview shows how the RYB color 161, 187, 202 looks on a white background.

Color Contrast Check

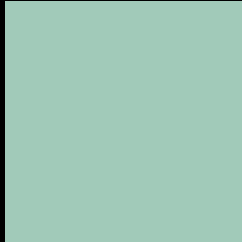
Large Text (above 18pt) WCAG AA × Fail

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 161, 187, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

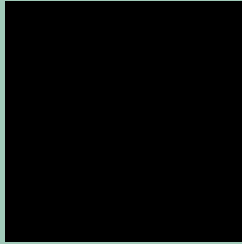
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

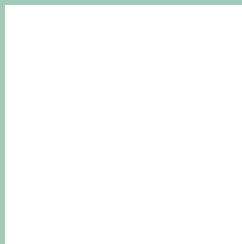
Any Text WCAG AAA ✓ Pass

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

RYB 161, 187, 202 Background



This preview shows how black text looks on a background with the RYB color 161, 187, 202.

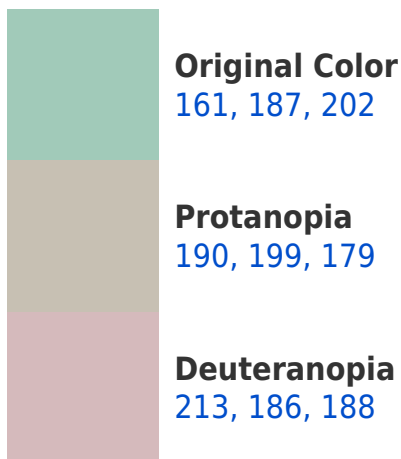


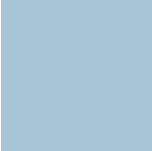
This preview shows how white text looks on a background with the RYB color 161, 187, 202.

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, 185, 214

Trichromacy



Original Color
161, 187, 202

Protanomaly
181, 196, 192

Deuteranomaly
190, 194, 187

Tritanomaly
164, 182, 203

Monochromacy



Original Color
161, 187, 202

Achromatopsia
188, 188, 188

Achromatomaly
178, 187, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 187, 202 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(161, 202, 185)` looks like.

```
.text, #text, p{  
    color:rgb(161, 202, 185)  
}
```

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(161, 202, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 202, 185) }
```

Border

The CSS property to change the border of an element to RYB 161, 187, 202 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(161, 202, 185) }
```

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

```
.border{ border-color:rgb(161, 202, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 202, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 202, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 202, 185); box-shadow:4px 4px 4px 4px rgb(161, 202, 185) }
```

Background

The CSS property to change the background color of an element to RYB 161, 187, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 202, 185) }
```

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

```
.background{ background-color: rgb(161,  
202, 185) }
```

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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