

Converting Colors

`RYB(161, 192, 187)`

Have a look what the booklet for
RYB(161, 192, 187) contains.

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Color

R_YB(161, 192, 187)

Conversions

Conversions Part 1

Format	Color
Hex	A6C0A1
RGB	166, 192, 161
RGB Percent	65%, 75%, 63%
CMY	0.3490, 0.2471, 0.3686
CMYK	0.14, 0.00, 0.16, 0.25
HSL	110°, 20%, 69%
HSV	110°, 16%, 75%
XYZ	41.0085, 48.3795, 40.8950
YIQ	180.6920, -5.5450, -15.1530

Conversions

Conversions Part 2

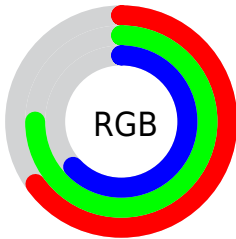
Format	Color
RYB	161, 192, 187
Decimal	10928289
CIELab	75.06, -14.70, 12.71
CIElCh	75, 19.429, 139.158
Yxy	48.3795, 0.3148, 0.3713
Android (android.graphics.Color)	4289118369 (0xFFA6C0A1)
YUV	180.6920, -9.7082, -12.8849
Hunter-Lab	69.5554, -16.4816, 13.8292

Details

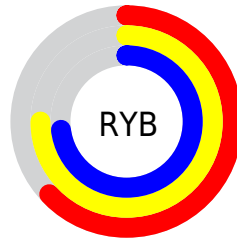
The RYB color **161, 192, 187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187, 161, 192**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **216, 248, 243**, and **109, 138, 133** is the 20% darker color. If you saturate the color by 10%, you get **142, 192, 184**, and if you desaturate by 10%, it is **180, 192, 190**.

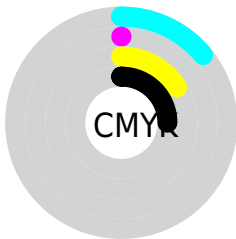
Distribution



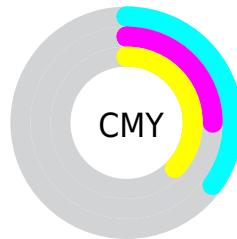
- Red (65%)
- Green (75%)
- Blue (63%)



- Red (63%)
- Yellow (75%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)




- Cyan (35%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 192, 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 161, 192, 187 by changing the saturation by 10% instead.


 161, 192, 187

255, 255, 255


 216, 248, 243

 244, 255, 249

 161, 192, 187

 135, 165, 161

 109, 138, 133

 85, 113, 109

 62, 88, 85


 40, 65, 62


 19, 43, 41

 0, 23, 23


 0, 0, 0

 161, 192, 187


 161, 192, 187


 142, 192, 184


 180, 192, 190


 123, 192, 181


 198, 192, 199

 103, 192, 177

 214, 192, 219

 84, 192, 174


 230, 192, 238

 65, 192, 172

 247, 192, 255

 46, 192, 169

 255, 192, 255

 27, 192, 166

 7, 192, 162

 0, 192, 161

Harmonies

Analogous

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



151, 187, 151



161, 192, 187



148, 177, 195

Triad

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



161, 192, 187



156, 177, 219



222, 173, 174

Complementary

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



161, 192, 187



187, 161, 192

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.



217, 173, 192



161, 192, 187



180, 182, 218

Square

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



161, 192, 187



140, 170, 211



202, 177, 208



218, 184, 158

Rectangle

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



161, 192, 187



139, 168, 195



202, 177, 208



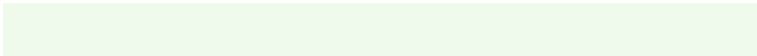
222, 172, 180

Sweetspot

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



161, 192, 187



237, 250, 248



167, 192, 161



117, 125, 123



252, 252, 252



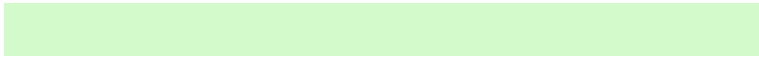
125, 125, 125

Same Dimension

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



161, 192, 187



202, 250, 242



161, 184, 192



87, 97, 95



0, 161, 135



0, 33, 28

Inverse Universe

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



187, 161, 192



242, 202, 250



192, 161, 182



95, 87, 97



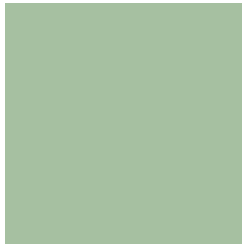
135, 0, 161



28, 0, 33

Previews

White Background



This preview shows how the RYB color 161, 192, 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 161, 192, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

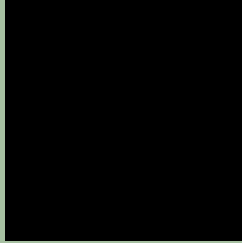
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

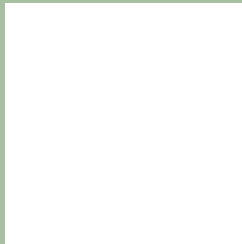
Any Text WCAG AAA ✓ Pass

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

RYB 161, 192, 187 Background



This preview shows how black text looks on a background with the RYB color 161, 192, 187.

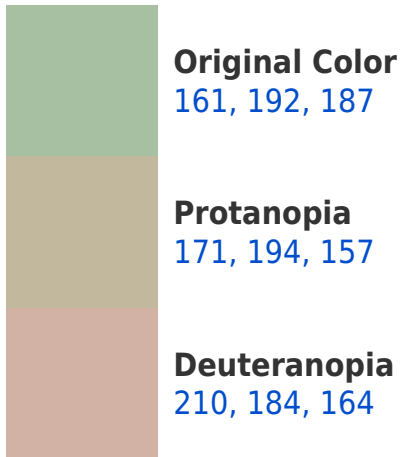


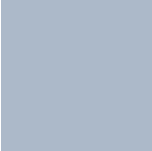
This preview shows how white text looks on a background with the RYB color 161, 192, 187.

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](#).

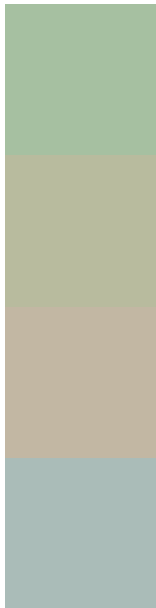
Dichromacy





Tritanopia
172, 181, 201

Trichromacy



Original Color
161, 192, 187

Protanomaly
158, 187, 161

Deuteranomaly
180, 194, 163

Tritanomaly
170, 180, 188

Monochromacy



Original Color
161, 192, 187

Achromatopsia
181, 181, 181

Achromatomaly
174, 185, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 192, 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(166, 192, 161)` looks like.

```
.text, #text, p{  
    color:rgb(166, 192, 161)  
}
```

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(166, 192, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 192, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 192, 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(166, 192, 161) }
```

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

```
.border{ border-color:rgb(166, 192, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 192, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 192, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 192, 161);  
box-shadow:4px 4px 4px 4px rgb(166, 192,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 192, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 192, 161) }
```

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

```
.background{ background-color: rgb(166,  
192, 161) }
```

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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