

Converting Colors

`RYB(161, 186, 184)`

Have a look what the booklet for
RYB(161, 186, 184) contains.

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Color

R_YB(161, 186, 184)

Conversions

Conversions Part 1

Format	Color
Hex	A3BAA1
RGB	163, 186, 161
RGB Percent	64%, 73%, 63%
CMY	0.3608, 0.2706, 0.3686
CMYK	0.12, 0.00, 0.13, 0.27
HSL	115°, 15%, 68%
HSV	115°, 13%, 73%
XYZ	39.0962, 45.4776, 40.4357
YIQ	176.2730, -5.6830, -12.6510

Conversions

Conversions Part 2

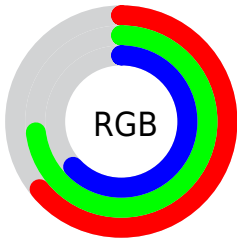
Format	Color
RYB	161, 186, 184
Decimal	10730145
CIELab	73.21, -12.65, 10.04
CIElCh	73, 16.156, 141.560
Yxy	45.4776, 0.3127, 0.3638
Android (android.graphics.Color)	4288920225 (0xFFA3BAA1)
YUV	176.2730, -7.5296, -11.6404
Hunter-Lab	67.4370, -14.5306, 11.6553

Details

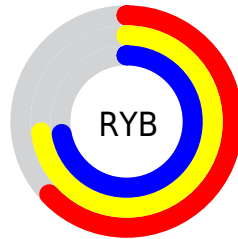
The RYB color **161, 186, 184** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **184, 161, 186**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **216, 242, 240**, and **109, 133, 131** is the 20% darker color. If you saturate the color by 10%, you get **142, 186, 182**, and if you desaturate by 10%, it is **180, 186, 186**.

Distribution



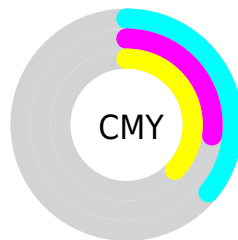
- Red (64%)
- Green (73%)
- Blue (63%)



- Red (63%)
- Yellow (73%)
- Blue (72%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 186, 184 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, 186, 184 by changing the saturation by 10% instead.

 161, 186, 184

255, 255, 255


 216, 242, 240

 244, 255, 252

 161, 186, 184

 135, 159, 157

 109, 133, 131

 85, 108, 106

 62, 83, 82

 40, 60, 59


 20, 38, 38


 0, 19, 19


 0, 0, 0

 161, 186, 184

 161, 186, 184

 142, 186, 182


 180, 186, 186


 124, 186, 181


 197, 186, 198

 105, 186, 179


 214, 186, 217

 87, 186, 178


 231, 186, 235


 68, 186, 177

 249, 186, 254

 49, 186, 175

 255, 186, 255

 31, 186, 174

 12, 186, 172

 0, 186, 171

Harmonies

Analogous

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



152, 182, 154



161, 186, 184



149, 172, 188

Triad

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



161, 186, 184



158, 174, 209



211, 170, 169

Complementary

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



161, 186, 184



184, 161, 186

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.



207, 170, 185



161, 186, 184



177, 177, 207

Square

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



161, 186, 184



145, 169, 202



195, 173, 198



207, 181, 157

Rectangle

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



161, 186, 184



143, 166, 188



195, 173, 198



211, 170, 174

Sweetspot

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



161, 186, 184



233, 242, 242



163, 186, 161



116, 122, 121



250, 250, 250



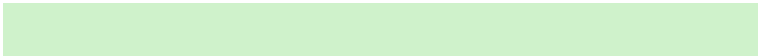
122, 122, 122

Same Dimension

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



161, 186, 184



203, 242, 238



161, 179, 186



83, 92, 92



0, 156, 144



0, 28, 26

Inverse Universe

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



184, 161, 186



239, 203, 242



186, 161, 176



91, 83, 92



143, 0, 156



26, 0, 28

Previews

White Background



This preview shows how the RYB color 161, 186, 184 looks on a white background.

Color Contrast Check

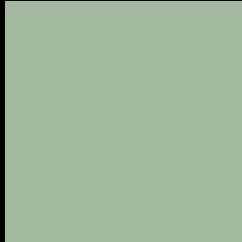
Large Text (above 18pt) WCAG AA × Fail

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, 186, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

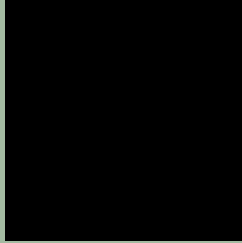
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

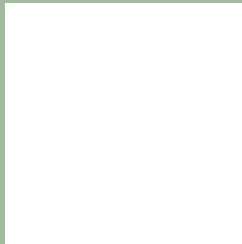
Any Text WCAG AAA ✓ Pass

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

RYB 161, 186, 184 Background



This preview shows how black text looks on a background with the RYB color 161, 186, 184.



This preview shows how white text looks on a background with the RYB color 161, 186, 184.

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



Original Color
161, 186, 184

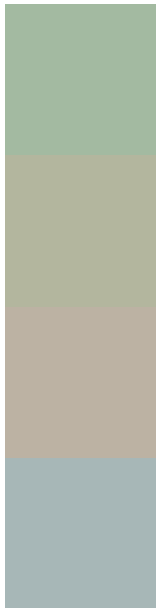
Protanopia
170, 188, 157

Deuteranopia
203, 176, 164



Tritanopia
169, 177, 195

Trichromacy



Original Color

161, 186, 184

Protanomaly

158, 182, 161

Deuteranomaly

180, 188, 163

Tritanomaly

167, 175, 183

Monochromacy



Original Color

161, 186, 184

Achromatopsia

176, 176, 176

Achromatomaly

171, 180, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 186, 184 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(163, 186, 161) looks like.

```
.text, #text, p{  
    color:rgb(163, 186, 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(163, 186, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 186, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 186, 184 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(163, 186, 161) }
```

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

```
.border{ border-color:rgb(163, 186, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 186, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 186, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 186, 161);  
box-shadow:4px 4px 4px 4px rgb(163, 186,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 186, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 186, 161) }
```

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

```
.background{ background-color: rgb(163,  
186, 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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