

Converting Colors

`RYB(162, 180, 184)`

Have a look what the booklet for
RYB(162, 180, 184) contains.

RYB(162, 180, 184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(162, 180, 184)

Conversions

Conversions Part 1

Format	Color
Hex	A2B8A7
RGB	162, 184, 167
RGB Percent	64%, 72%, 65%
CMY	0.3647, 0.2784, 0.3455
CMYK	0.12, 0.00, 0.09, 0.28
HSL	133°, 13%, 68%
HSV	133°, 12%, 72%
XYZ	39.0056, 44.7483, 43.0869
YIQ	175.4840, -7.6550, -9.9510

Conversions

Conversions Part 2

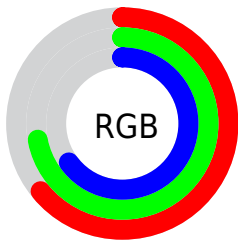
Format	Color
R_{YB}	162, 180, 184
Decimal	10664103
CIE _{Lab}	72.73, -10.88, 6.14
CIE _{LCh}	73, 12.490, 150.544
Yxy	44.7483, 0.3075, 0.3528
Android (android.graphics.Color)	4288854183 (0xFFA2B8A7)
YUV	175.4840, -4.1826, -11.8255
Hunter-Lab	66.8942, -12.9825, 8.6369

Details

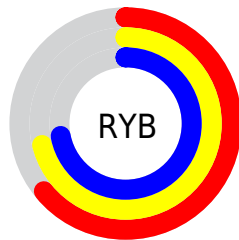
The RYB color **162, 180, 184** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **184, 162, 179**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **217, 236, 240**, and **110, 127, 131** is the 20% darker color. If you saturate the color by 10%, you get **144, 177, 184**, and if you desaturate by 10%, it is **180, 183, 184**.

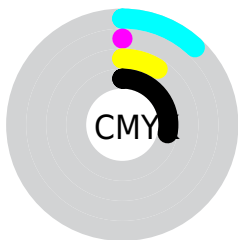
Distribution



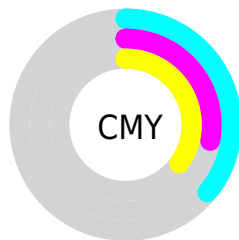
- Red (64%)
- Green (72%)
- Blue (65%)



- Red (64%)
- Yellow (71%)
- Blue (72%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)



- Cyan (36%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 180, 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 162, 180, 184 by changing the saturation by 10% instead.


 162, 180, 184


255, 255, 255


 217, 236, 240

 245, 251, 255

 162, 180, 184


 136, 153, 157


 110, 127, 131

 86, 103, 106

 62, 78, 82


 40, 55, 59


 19, 33, 37

 0, 17, 17


 0, 0, 0

 162, 180, 184


 162, 180, 184

 144, 177, 184


 180, 183, 184

 125, 173, 184


 199, 184, 196

 107, 170, 184


 217, 184, 210

 88, 166, 184


 236, 184, 224

 70, 163, 184


 254, 184, 238

 52, 160, 184

 255, 184, 253

 33, 156, 184

 255, 184, 255

 15, 154, 184

 0, 150, 184

Harmonies

Analogous

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



159, 181, 165



162, 180, 184



152, 170, 185

Triad

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



162, 180, 184



167, 176, 201



203, 172, 167

Complementary

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



162, 180, 184



184, 162, 179

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.



202, 171, 179



162, 180, 184



181, 175, 198

Square

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



162, 180, 184



155, 172, 198



194, 172, 190



198, 183, 159

Rectangle

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



162, 180, 184



150, 168, 186



194, 172, 190



203, 171, 171

Sweetspot

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



162, 180, 184



230, 238, 240



162, 184, 167



114, 119, 120



247, 247, 247



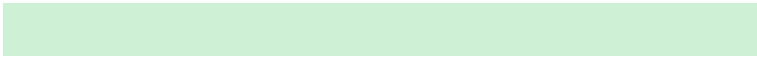
120, 120, 120

Same Dimension

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



162, 180, 184



206, 234, 240



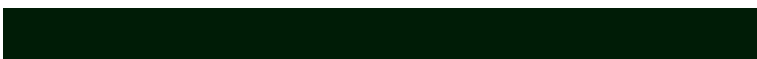
162, 175, 184



83, 90, 92



0, 127, 156



0, 23, 28

Inverse Universe

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



184, 162, 179



240, 206, 232



184, 162, 168



92, 83, 90



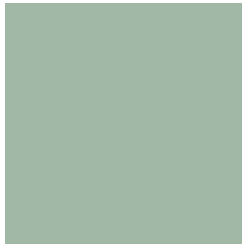
156, 0, 121



28, 0, 22

Previews

White Background



This preview shows how the RYB color 162, 180, 184 looks on a white background.

Color Contrast Check

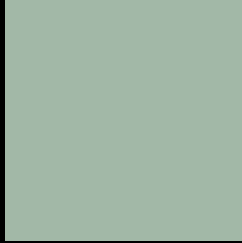
Large Text (above 18pt) WCAG AA × Fail

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 162, 180, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

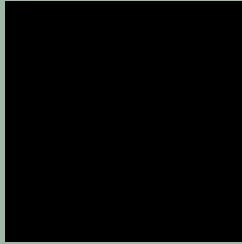
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

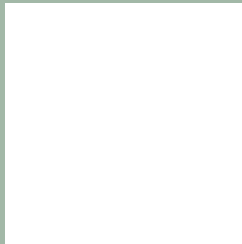
Any Text WCAG AAA ✓ Pass

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

RYB 162, 180, 184 Background



This preview shows how black text looks on a background with the RYB color 162, 180, 184.



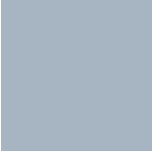
This preview shows how white text looks on a background with the RYB color 162, 180, 184.

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](#).

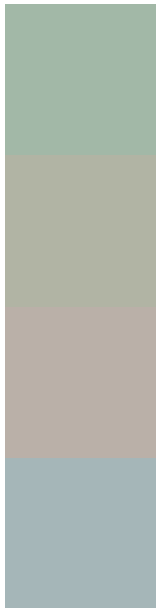
Dichromacy





Tritanopia
167, 176, 194

Trichromacy



Original Color

162, 180, 184

Protanomaly

164, 180, 167

Deuteranomaly

186, 182, 168

Tritanomaly

165, 174, 184

Monochromacy



Original Color

162, 180, 184

Achromatopsia

175, 175, 175

Achromatomaly

170, 176, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 180, 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(162, 184, 167)` looks like.

```
.text, #text, p{  
    color:rgb(162, 184, 167)  
}
```

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, 184, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 184, 167) }
```

Border

The CSS property to change the border of an element to RYB 162, 180, 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(162, 184, 167) }
```

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

```
.border{ border-color:rgb(162, 184, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 184, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 184, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 184, 167);  
box-shadow:4px 4px 4px 4px rgb(162, 184,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 162, 180, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 184, 167) }
```

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

```
.background{ background-color: rgb(162,  
184, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor