

Converting Colors

`RYB(163, 182, 194)`

Have a look what the booklet for RYB(163, 182, 194) contains.

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Color

R_YB(163, 182, 194)

Conversions

Conversions Part 1

Format	Color
Hex	A3C2B7
RGB	163, 194, 183
RGB Percent	64%, 76%, 72%
CMY	0.3608, 0.2392, 0.2840
CMYK	0.16, 0.00, 0.06, 0.24
HSL	158°, 20%, 70%
HSV	158°, 16%, 76%
XYZ	42.8995, 49.7715, 51.9161
YIQ	183.4770, -14.9450, -9.9930

Conversions

Conversions Part 2

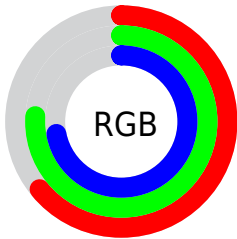
Format	Color
RYB	163, 182, 194
Decimal	10732215
CIELab	75.93, -12.71, 2.25
CIELCh	76, 12.905, 169.953
Yxy	49.7715, 0.2967, 0.3442
Android (android.graphics.Color)	4288922295 (0xFFA3C2B7)
YUV	183.4770, -0.2352, -17.9583
Hunter-Lab	70.5489, -14.9180, 5.7534

Details

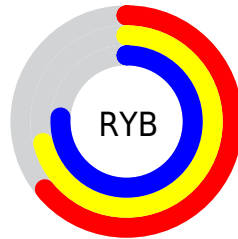
The RYB color **163, 182, 194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194, 163, 174**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **218, 238, 251**, and **111, 129, 140** is the 20% darker color. If you saturate the color by 10%, you get **144, 175, 194**, and if you desaturate by 10%, it is **182, 189, 194**.

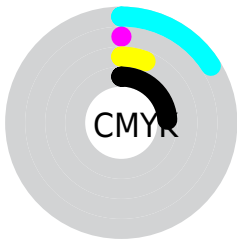
Distribution



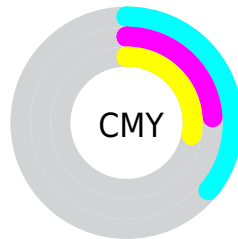
- Red (64%)
- Green (76%)
- Blue (72%)



- Red (64%)
- Yellow (71%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (36%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 182, 194 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 163, 182, 194 by changing the saturation by 10% instead.


 163, 182, 194


255, 255, 255

 218, 239, 251

 247, 251, 255

 163, 182, 194

 137, 155, 167


 111, 129, 140

 86, 104, 115

 62, 79, 90


 40, 56, 67

 18, 33, 44

 0, 16, 25

 0, 0, 0

 163, 182, 194

 163, 182, 194

■ 144, 175, 194

■ 182, 189, 194

■ 124, 167, 194

■ 202, 194, 197

■ 105, 160, 194

■ 221, 194, 204

■ 85, 152, 194

■ 241, 194, 211

■ 66, 144, 194

■ 255, 194, 218

■ 47, 137, 194

■ 255, 194, 225

■ 27, 129, 194

■ 255, 194, 233

■ 8, 122, 194

■ 255, 194, 240

■ 0, 119, 194

■ 255, 194, 247

Harmonies

Analogous

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



172, 192, 189



163, 182, 194



157, 176, 195

Triad

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



163, 182, 194



185, 185, 209



210, 186, 169

Complementary

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



163, 182, 194



194, 163, 174

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.



213, 179, 180



163, 182, 194



199, 182, 203

Square

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



163, 182, 194



170, 183, 210



209, 179, 192



192, 201, 164

Rectangle

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



163, 182, 194



158, 177, 202



209, 179, 192



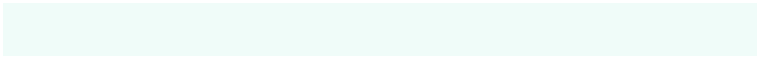
212, 182, 172

Sweetspot

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



163, 182, 194



240, 247, 252



163, 194, 182



120, 125, 128



0, 0, 0



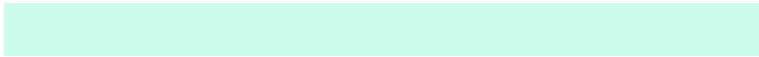
128, 128, 128

Same Dimension

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



163, 182, 194



204, 233, 252



163, 177, 194



87, 93, 97



0, 99, 161



0, 20, 33

Inverse Universe

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



194, 163, 174



252, 204, 222



194, 168, 163



97, 87, 91



161, 0, 59



33, 0, 12

Previews

White Background



This preview shows how the RYB color 163, 182, 194 looks on a white background.

Color Contrast Check

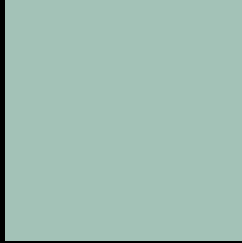
Large Text (above 18pt) WCAG AA × Fail

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 163, 182, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

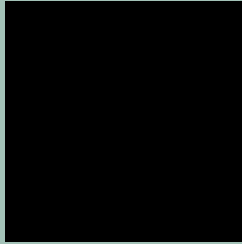
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

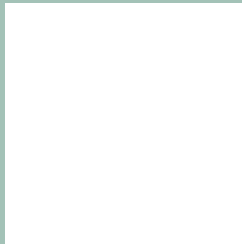
Any Text WCAG AAA ✓ Pass

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

R Y B 163, 182, 194 Background



This preview shows how black text looks on a background with the R Y B color 163, 182, 194.



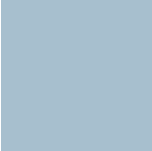
This preview shows how white text looks on a background with the R Y B color 163, 182, 194.

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, 182, 206

Trichromacy



Original Color
163, 182, 194

Protanomaly
180, 189, 188

Deuteranomaly
190, 187, 184

Tritanomaly
166, 180, 197

Monochromacy



Original Color
163, 182, 194

Achromatopsia
183, 183, 183

Achromatomaly
176, 183, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 182, 194 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, 182, 194) looks like.

```
.text, #text, p{  
    color:rgb(163, 182, 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(163, 194, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 194, 183) }
```

Border

The CSS property to change the border of an element to RYB 163, 182, 194 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, 194, 183) }
```

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

```
.border{ border-color:rgb(163, 194, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 194, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 194, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 194, 183); box-shadow:4px 4px 4px 4px rgb(163, 194, 183) }
```

Background

The CSS property to change the background color of an element to RYB 163, 182, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 194, 183) }
```

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

```
.background{ background-color: rgb(163,  
194, 183) }
```

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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