

Converting Colors

`RYB(150, 170, 183)`

Have a look what the booklet for RYB(150, 170, 183) contains.

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Color

R_YB(150, 170, 183)

Conversions

Conversions Part 1

Format	Color
Hex	96B7AB
RGB	150, 183, 171
RGB Percent	59%, 72%, 67%
CMY	0.4118, 0.2824, 0.3276
CMYK	0.18, 0.00, 0.06, 0.28
HSL	159°, 19%, 65%
HSV	159°, 18%, 72%
XYZ	36.9048, 43.3085, 45.1676
YIQ	171.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

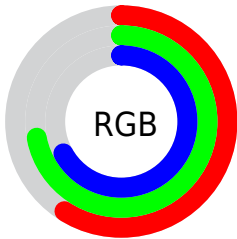
Format	Color
RYB	150, 170, 183
Decimal	9877419
CIELab	71.76, -13.52, 2.16
CIELCh	72, 13.694, 170.938
Yxy	43.3085, 0.2943, 0.3454
Android (android.graphics.Color)	4288067499 (0xFF96B7AB)
YUV	171.7650, -0.3771, -19.0879
Hunter-Lab	65.8092, -15.0658, 5.3732

Details

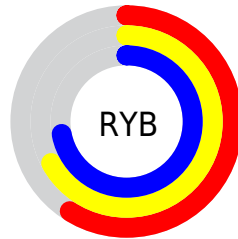
The RYB color **150, 170, 183** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **183, 150, 162**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **205, 226, 239**, and **99, 118, 130** is the 20% darker color. If you saturate the color by 10%, you get **132, 163, 183**, and if you desaturate by 10%, it is **168, 177, 183**.

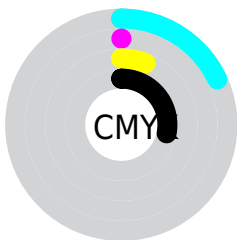
Distribution



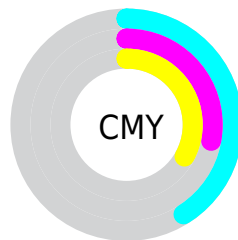
- Red (59%)
- Green (72%)
- Blue (67%)



- Red (59%)
- Yellow (67%)
- Blue (72%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (41%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 170, 183 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 150, 170, 183 by changing the saturation by 10% instead.


 150, 170, 183


255, 255, 255

 205, 226, 239

 233, 244, 255

 150, 170, 183

 124, 143, 156

 99, 118, 130

 74, 92, 105

 51, 69, 81

 29, 46, 58

 6, 23, 36

 0, 11, 12

 0, 0, 0

 150, 170, 183

 150, 170, 183

■ 132, 163, 183

■ 168, 177, 183

■ 113, 155, 183

■ 187, 183, 184

■ 95, 148, 183

■ 205, 183, 191

■ 77, 141, 183

■ 223, 183, 197

■ 59, 134, 183

■ 242, 183, 203

■ 40, 127, 183

■ 255, 183, 210

■ 22, 119, 183

■ 255, 183, 216

■ 4, 113, 183

■ 255, 183, 223

■ 0, 111, 183

■ 255, 183, 229

Harmonies

Analogous

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



160, 181, 179



150, 170, 183



144, 164, 184

Triad

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



150, 170, 183



174, 174, 199



199, 176, 157

Complementary

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



150, 170, 183



183, 150, 162

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.



203, 168, 167



150, 170, 183



189, 170, 192

Square

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



150, 170, 183



158, 172, 200



199, 168, 180



178, 190, 151

Rectangle

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



150, 170, 183



145, 166, 192



199, 168, 180



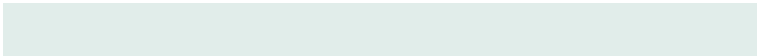
201, 172, 160

Sweetspot

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



150, 170, 183



225, 232, 237



150, 183, 171



113, 117, 120



247, 247, 247



120, 120, 120

Same Dimension

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



150, 170, 183



185, 216, 237



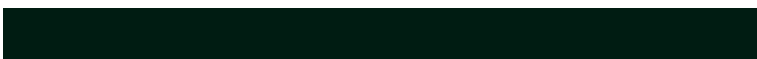
150, 165, 183



83, 88, 92



0, 95, 156



0, 17, 28

Inverse Universe

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



183, 150, 162



237, 185, 203



183, 156, 150



92, 83, 86



156, 0, 54



28, 0, 10

Previews

White Background



This preview shows how the RYB color 150, 170, 183 looks on a white background.

Color Contrast Check

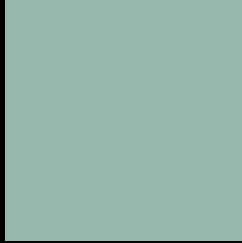
Large Text (above 18pt) WCAG AA × Fail

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 150, 170, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

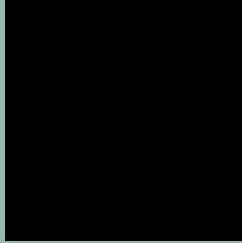
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

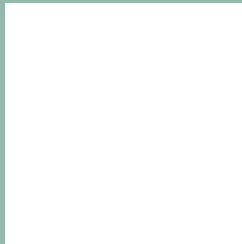
Any Text WCAG AAA ✓ Pass

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

R Y B 150, 170, 183 Background



This preview shows how black text looks on a background with the R Y B color 150, 170, 183.

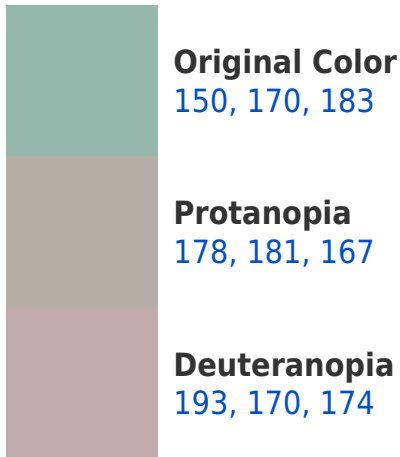


This preview shows how white text looks on a background with the R Y B color 150, 170, 183.

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](#).

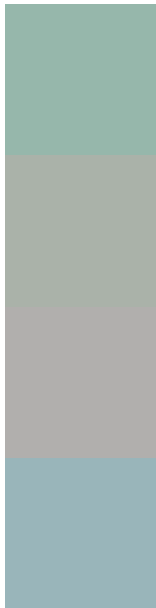
Dichromacy





Tritanopia
154, 170, 194

Trichromacy



Original Color
150, 170, 183

Protanomaly
169, 178, 177

Deuteranomaly
177, 177, 173

Tritanomaly
153, 168, 186

Monochromacy



Original Color
150, 170, 183

Achromatopsia
172, 172, 172

Achromatomaly
164, 171, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 170, 183 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(150, 183, 171)` looks like.

```
.text, #text, p{  
    color:rgb(150, 183, 171)  
}
```

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(150, 183, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 183, 171) }
```

Border

The CSS property to change the border of an element to RYB 150, 170, 183 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(150, 183, 171) }
```

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

```
.border{ border-color:rgb(150, 183, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 183, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 183, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 183, 171);  
box-shadow:4px 4px 4px 4px rgb(150, 183,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 150, 170, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 183, 171) }
```

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

```
.background{ background-color: rgb(150,  
183, 171) }
```

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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