

Converting Colors

`RYB(151, 173, 182)`

Have a look what the booklet for
RYB(151, 173, 182) contains.

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Color

R_YB(151, 173, 182)

Conversions

Conversions Part 1

Format	Color
Hex	97B6A4
RGB	151, 182, 164
RGB Percent	59%, 71%, 64%
CMY	0.4078, 0.2863, 0.3581
CMYK	0.17, 0.00, 0.10, 0.29
HSL	145°, 18%, 65%
HSV	145°, 17%, 71%
XYZ	36.1626, 42.7041, 41.3082
YIQ	170.6790, -12.6980, -12.1700

Conversions

Conversions Part 2

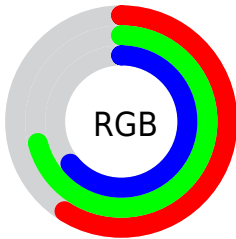
Format	Color
RYB	151, 173, 182
Decimal	9942692
CIELab	71.35, -14.22, 5.83
CIELCh	71, 15.364, 157.720
Yxy	42.7041, 0.3009, 0.3553
Android (android.graphics.Color)	4288132772 (0xFF97B6A4)
YUV	170.6790, -3.2927, -17.2585
Hunter-Lab	65.3483, -15.5810, 8.2652

Details

The RYB color **151, 173, 182** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182, 151, 169**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **205, 228, 238**, and **100, 121, 129** is the 20% darker color. If you saturate the color by 10%, you get **133, 168, 182**, and if you desaturate by 10%, it is **169, 178, 182**.

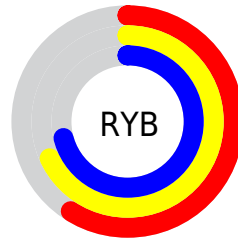
Distribution



Red (59%)

Green (71%)

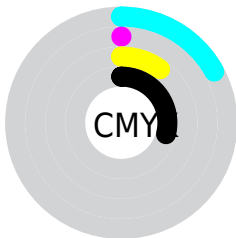
Blue (64%)



Red (59%)

Yellow (68%)

Blue (71%)

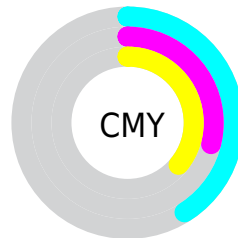


Cyan (17%)

Magenta (0%)

Yellow (10%)

Black (29%)



Cyan (41%)

Magenta (29%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 173, 182 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 151, 173, 182 by changing the saturation by 10% instead.

 151, 173, 182

255, 255, 255

 205, 228, 238

 234, 247, 255

 151, 173, 182

 125, 146, 155

 100, 121, 129

 75, 95, 104

 52, 72, 80

 30, 49, 57

 8, 26, 35

 0, 9, 9

 0, 0, 0

 151, 173, 182


 151, 173, 182

 133, 168, 182


 169, 178, 182

 115, 163, 182

 187, 182, 185


 96, 157, 182


 206, 182, 196

 78, 152, 182


 224, 182, 207

 60, 147, 182

 242, 182, 217

 42, 141, 182

 255, 182, 228

 24, 136, 182

 255, 182, 239

 5, 130, 182

 255, 182, 250

 0, 129, 182

 255, 182, 255

Harmonies

Analogous

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



152, 179, 165



151, 173, 182



140, 163, 183

Triad

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



151, 173, 182



164, 173, 202



203, 169, 158

Complementary

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



151, 173, 182



182, 151, 169

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.



204, 165, 172



151, 173, 182



182, 170, 197

Square

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



151, 173, 182



148, 167, 200



196, 166, 186



195, 188, 149

Rectangle

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



151, 173, 182



138, 161, 187



196, 166, 186



204, 166, 162

Sweetspot

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



151, 173, 182



225, 233, 237



151, 182, 163



113, 118, 120



247, 247, 247



120, 120, 120

Same Dimension

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



151, 173, 182



190, 223, 237



151, 167, 182



83, 90, 92



0, 111, 156



0, 20, 28

Inverse Universe

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



182, 151, 169



237, 190, 218



182, 151, 154



92, 83, 88



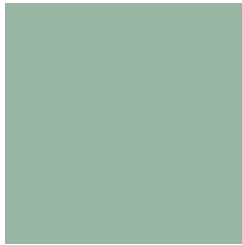
156, 0, 92



28, 0, 17

Previews

White Background



This preview shows how the RYB color 151, 173, 182 looks on a white background.

Color Contrast Check

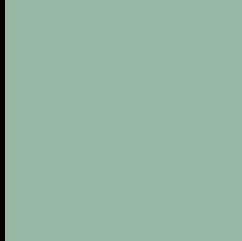
Large Text (above 18pt) WCAG AA × Fail

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 151, 173, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

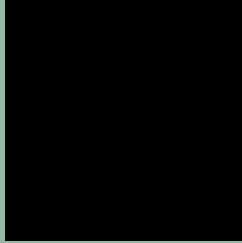
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

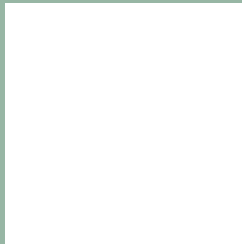
Any Text WCAG AAA ✓ Pass

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

RYB 151, 173, 182 Background



This preview shows how black text looks on a background with the RYB color 151, 173, 182.



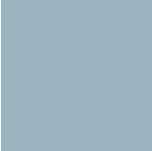
This preview shows how white text looks on a background with the RYB color 151, 173, 182.

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](#).

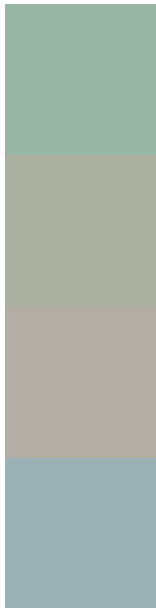
Dichromacy





Tritanopia
156, 170, 192

Trichromacy



Original Color

151, 173, 182

Protanomaly

161, 177, 168

Deuteranomaly

173, 178, 165

Tritanomaly

154, 167, 182

Monochromacy



Original Color

151, 173, 182

Achromatopsia

171, 171, 171

Achromatomaly

164, 172, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 173, 182 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(151, 182, 164)` looks like.

```
.text, #text, p{  
    color:rgb(151, 182, 164)  
}
```

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(151, 182, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 182, 164) }
```

Border

The CSS property to change the border of an element to RYB 151, 173, 182 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(151, 182, 164) }
```

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

```
.border{ border-color:rgb(151, 182, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 182, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 182, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 182, 164);  
box-shadow:4px 4px 4px 4px rgb(151, 182,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 151, 173, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 182, 164) }
```

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

```
.background{ background-color: rgb(151,  
182, 164) }
```

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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