

Converting Colors

`RYB(154, 171, 187)`

Have a look what the booklet for RYB(154, 171, 187) contains.

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Color

$\text{RYB}(154, 171, 187)$

Conversions

Conversions Part 1

Format	Color
Hex	9ABBB9
RGB	154, 187, 185
RGB Percent	60%, 73%, 73%
CMY	0.3961, 0.2667, 0.2743
CMYK	0.18, 0.00, 0.01, 0.27
HSL	176°, 20%, 67%
HSV	176°, 18%, 73%
XYZ	39.8599, 45.9159, 52.6933
YIQ	176.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

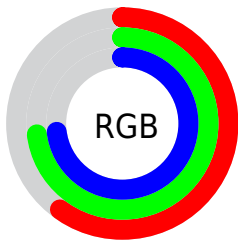
Format	Color
RYB	154, 171, 187
Decimal	10140601
CIELab	73.49, -11.48, -2.73
CIElCh	73, 11.800, 193.366
Yxy	45.9159, 0.2879, 0.3316
Android (android.graphics.Color)	4288330681 (0xFF9ABBB9)
YUV	176.9050, 3.9908, -20.0877
Hunter-Lab	67.7613, -13.5814, 1.3271

Details

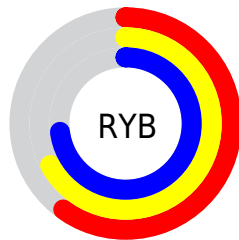
The RYB color **154, 171, 187** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **187, 154, 156**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **209, 227, 243**, and **102, 119, 134** is the 20% darker color. If you saturate the color by 10%, you get **135, 162, 187**, and if you desaturate by 10%, it is **173, 180, 187**.

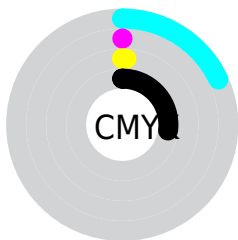
Distribution



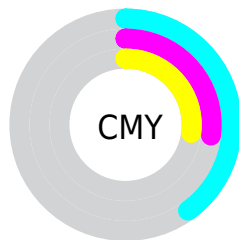
- Red (60%)
- Green (73%)
- Blue (73%)



- Red (60%)
- Yellow (67%)
- Blue (73%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)




- Cyan (40%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 171, 187 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 154, 171, 187 by changing the saturation by 10% instead.


 154, 171, 187

255, 255, 255

 209, 227, 243

 237, 246, 255


 154, 171, 187

 128, 145, 160

 102, 119, 134

 78, 93, 108


 54, 69, 84

 31, 46, 61

 8, 24, 39

 0, 10, 19

 0, 0, 0

 154, 171, 187

 154, 171, 187

■ 135, 162, 187

■ 173, 180, 187

■ 117, 153, 187

■ 191, 187, 187

■ 98, 144, 187

■ 210, 187, 188

■ 79, 135, 187

■ 229, 187, 189

■ 61, 126, 187

■ 248, 187, 191

■ 42, 117, 187

■ 255, 187, 192

■ 23, 108, 187

■ 255, 187, 193

■ 4, 98, 187

■ 255, 187, 194

■ 0, 96, 187

■ 255, 187, 195

Harmonies

Analogous

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



161, 177, 186



154, 171, 187



155, 172, 195

Triad

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



154, 171, 187



189, 176, 196



193, 195, 160

Complementary

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



154, 171, 187



187, 154, 156

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, 178, 166



154, 171, 187



199, 174, 187

Square

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



154, 171, 187



175, 179, 201



204, 173, 176



163, 184, 160

Rectangle

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



154, 171, 187



159, 174, 199



204, 173, 176



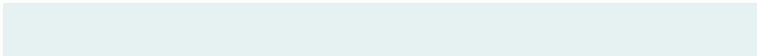
198, 188, 162

Sweetspot

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



154, 171, 187



230, 236, 242



154, 187, 185



115, 119, 122



250, 250, 250



122, 122, 122

Same Dimension

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



154, 171, 187



191, 217, 242



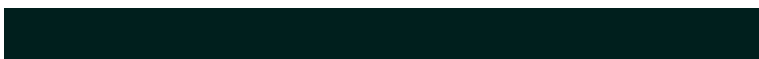
154, 166, 187



85, 90, 94



0, 81, 158



0, 16, 31

Inverse Universe

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



187, 154, 156



242, 191, 194



187, 178, 154



94, 85, 85



158, 0, 9



31, 0, 2

Previews

White Background



This preview shows how the RYB color 154, 171, 187 looks on a white background.

Color Contrast Check

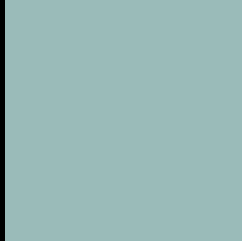
Large Text (above 18pt) WCAG AA × Fail

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 154, 171, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

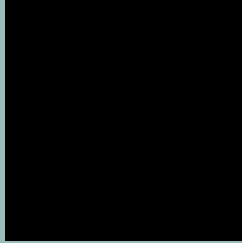
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

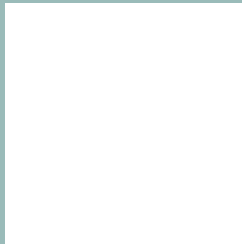
Any Text WCAG AAA ✓ Pass

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

RYB 154, 171, 187 Background



This preview shows how black text looks on a background with the RYB color 154, 171, 187.

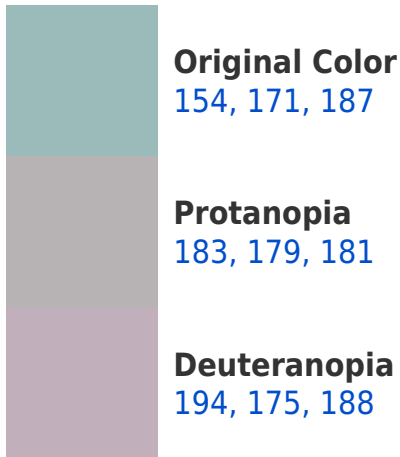


This preview shows how white text looks on a background with the RYB color 154, 171, 187.

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
157, 174, 200

Trichromacy



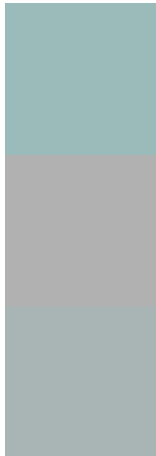
Original Color
154, 171, 187

Protanomaly
172, 177, 182

Deuteranomaly
179, 179, 187

Tritanomaly
156, 173, 195

Monochromacy



Original Color
154, 171, 187

Achromatopsia
177, 177, 177

Achromatomaly
169, 175, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 171, 187 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(154, 187, 185) looks like.

```
.text, #text, p{  
    color:rgb(154, 187, 185)  
}
```

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(154, 187, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 187, 185) }
```

Border

The CSS property to change the border of an element to RYB 154, 171, 187 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(154, 187, 185) }
```

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

```
.border{ border-color:rgb(154, 187, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 187, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 187, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 187, 185); box-shadow:4px 4px 4px 4px rgb(154, 187, 185) }
```

Background

The CSS property to change the background color of an element to RYB 154, 171, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 187, 185) }
```

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

```
.background{ background-color: rgb(154,  
187, 185) }
```

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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