

Converting Colors

`RYB(153, 166, 185)`

Have a look what the booklet for RYB(153, 166, 185) contains.

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Color

R_YB(153, 166, 185)

Conversions

Conversions Part 1

Format	Color
Hex	99AFB9
RGB	153, 175, 185
RGB Percent	60%, 69%, 73%
CMY	0.4000, 0.3141, 0.2745
CMYK	0.17, 0.05, 0.00, 0.27
HSL	199°, 19%, 66%
HSV	199°, 17%, 73%
XYZ	37.2033, 40.8941, 51.8315
YIQ	169.5620, -16.3220, -1.5540

Conversions

Conversions Part 2

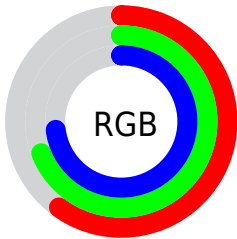
Format	Color
RYB	153, 166, 185
Decimal	10071993
CIELab	70.10, -5.38, -7.71
CIElCh	70, 9.401, 235.106
Yxy	40.8941, 0.2863, 0.3147
Android (android.graphics.Color)	4288262073 (0xFF99AFB9)
YUV	169.5620, 7.6109, -14.5249
Hunter-Lab	63.9485, -8.0638, -3.2918

Details

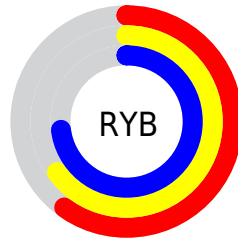
The RYB color **153, 166, 185** is a light color, and the websafe version is hex **999999**. A complement of this color would be **185, 168, 153**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **208, 222, 241**, and **102, 114, 132** is the 20% darker color. If you saturate the color by 10%, you get **135, 155, 185**, and if you desaturate by 10%, it is **171, 177, 185**.

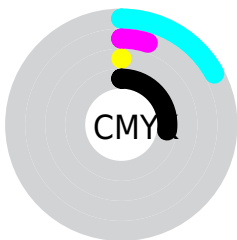
Distribution



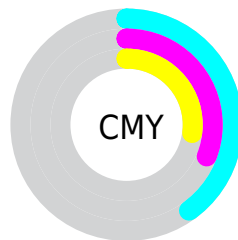
- Red (60%)
- Green (69%)
- Blue (73%)



- Red (60%)
- Yellow (65%)
- Blue (73%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 166, 185 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 153, 166, 185 by changing the saturation by 10% instead.


 153, 166, 185


255, 255, 255

 208, 221, 241


 236, 246, 255


 153, 166, 185

 127, 140, 158

 102, 114, 132

 77, 89, 107


 54, 66, 83


 31, 43, 60

 9, 21, 38

 0, 1, 17

 0, 0, 0

 153, 166, 185

 153, 166, 185

■ 135, 155, 185

■ 171, 177, 185

■ 116, 144, 185

■ 190, 188, 185

■ 98, 133, 185

■ 209, 195, 185

■ 79, 122, 185

■ 227, 204, 185

■ 61, 111, 185

■ 245, 213, 185

■ 42, 100, 185

■ 255, 224, 185

■ 24, 89, 185

■ 255, 241, 185

■ 5, 78, 185

■ 247, 255, 185

■ 0, 75, 185

■ 232, 255, 185

Harmonies

Analogous

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



150, 163, 178



153, 166, 185



161, 169, 188

Triad

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



153, 166, 185



188, 166, 173



156, 173, 158

Complementary

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



153, 166, 185



185, 168, 153

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.



170, 180, 154



153, 166, 185



190, 166, 164

Square

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



153, 166, 185



181, 167, 181



187, 173, 158



161, 175, 175

Rectangle

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



153, 166, 185



168, 171, 188



187, 173, 158



157, 174, 155

Sweetspot

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



153, 166, 185



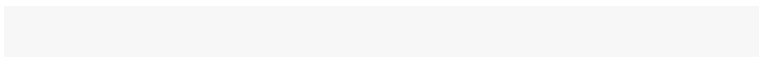
228, 233, 240



153, 177, 185



113, 116, 120



247, 247, 247



120, 120, 120

Same Dimension

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



153, 166, 185



189, 210, 240



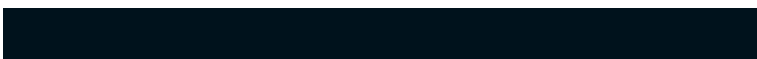
153, 158, 185



83, 87, 92



0, 63, 156



0, 11, 28

Inverse Universe

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



185, 153, 175



240, 189, 224



160, 185, 153



92, 83, 89



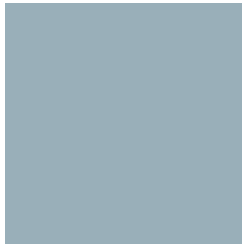
156, 0, 106



28, 0, 19

Previews

White Background



This preview shows how the RYB color 153, 166, 185 looks on a white background.

Color Contrast Check

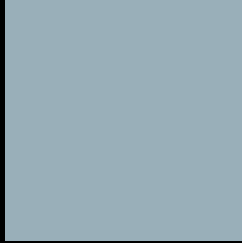
Large Text (above 18pt) WCAG AA × Fail

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 153, 166, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

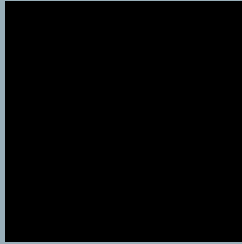
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

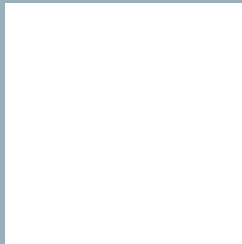
Any Text WCAG AAA ✓ Pass

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

RYP 153, 166, 185 Background



This preview shows how black text looks on a background with the RYP color 153, 166, 185.

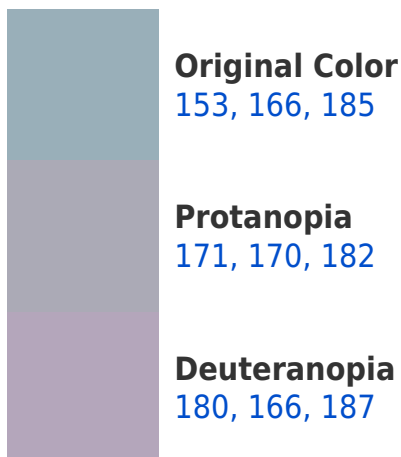


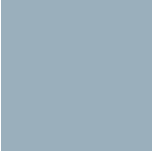
This preview shows how white text looks on a background with the RYP color 153, 166, 185.

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, 167, 188

Trichromacy



Original Color

153, 166, 185

Protanomaly

164, 170, 183

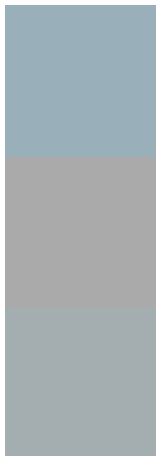
Deuteranomaly

170, 169, 186

Tritanomaly

154, 166, 187

Monochromacy



Original Color

153, 166, 185

Achromatopsia

170, 170, 170

Achromatomaly

164, 169, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 166, 185 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(153, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(153, 175, 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(153, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 175, 185) }
```

Border

The CSS property to change the border of an element to RYB 153, 166, 185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

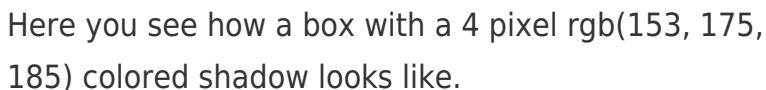
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 175, 185) }
```

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

```
.border{ border-color:rgb(153, 175, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 175, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(153, 175,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 153, 166, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 175, 185) }
```

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

```
.background{ background-color: rgb(153,  
175, 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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