

Converting Colors

`RYB(144, 151, 185)`

Have a look what the booklet for RYB(144, 151, 185) contains.

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Color

R_YB(144, 151, 185)

Conversions

Conversions Part 1

Format	Color
Hex	9098B9
RGB	144, 152, 185
RGB Percent	56%, 60%, 73%
CMY	0.4353, 0.4022, 0.2745
CMYK	0.22, 0.18, 0.00, 0.27
HSL	228°, 23%, 65%
HSV	228°, 22%, 73%
XYZ	31.5585, 32.0320, 50.4184
YIQ	153.3700, -15.3610, 8.5670

Conversions

Conversions Part 2

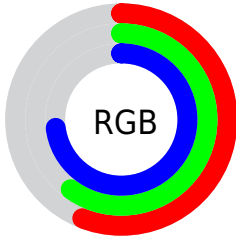
Format	Color
R _Y B	144, 151, 185
Decimal	9476281
CIE Lab	63.37, 4.12, -17.89
CIE LCh	63, 18.354, 282.970
Yxy	32.0320, 0.2768, 0.2810
Android (android.graphics.Color)	4287666361 (0xFF9098B9)
YUV	153.3700, 15.5936, -8.2175
Hunter-Lab	56.5968, 0.4875, -13.1998

Details

The RYB color **144, 151, 185** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **154, 185, 144**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **198, 205, 241**, and **93, 100, 132** is the 20% darker color. If you saturate the color by 10%, you get **126, 136, 185**, and if you desaturate by 10%, it is **163, 166, 185**.

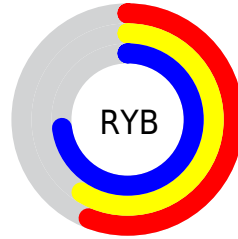
Distribution



Red (56%)

Green (60%)

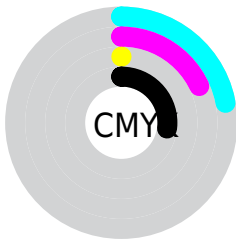
Blue (73%)



Red (56%)

Yellow (59%)

Blue (73%)

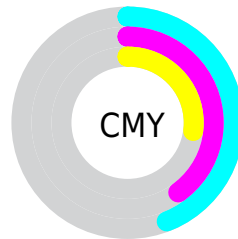


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 151, 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 144, 151, 185 by changing the saturation by 10% instead.

■ 144, 151, 185

255, 255, 255

■ 198, 205, 241

■ 226, 233, 255

■ 144, 151, 185

■ 118, 125, 158

■ 93, 100, 132

■ 69, 76, 107

■ 45, 53, 82

■ 22, 31, 59

■ 0, 8, 37

■ 0, 1, 15

■ 0, 0, 0

■ 144, 151, 185

■ 144, 151, 185

■ 126, 136, 185

■ 163, 166, 185

■ 107, 120, 185

■ 181, 182, 185

■ 89, 105, 185

■ 189, 200, 185

■ 70, 90, 185

■ 194, 218, 185

■ 52, 74, 185

■ 199, 237, 185

■ 33, 59, 185

■ 203, 255, 185

■ 14, 44, 185

■ 185, 255, 185

■ 0, 32, 185

Harmonies

Analogous

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



123, 145, 184



144, 151, 185



165, 147, 177

Triad

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



144, 151, 185



185, 148, 132



122, 148, 162

Complementary

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



144, 151, 185



154, 185, 144

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.



129, 159, 148



144, 151, 185



175, 175, 123

Square

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



144, 151, 185



187, 142, 147



126, 159, 122



110, 137, 163

Rectangle

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



144, 151, 185



176, 144, 169



126, 159, 122



128, 153, 161

Sweetspot

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



144, 151, 185



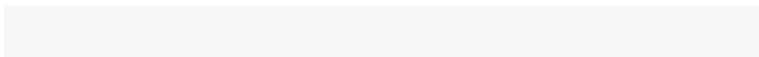
223, 226, 240



144, 167, 185



110, 112, 120



247, 247, 247



120, 120, 120

Same Dimension

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



144, 151, 185



175, 186, 240



156, 144, 185



83, 85, 92



0, 27, 156



0, 5, 28

Inverse Universe

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



185, 144, 152



240, 175, 188



144, 185, 156



92, 83, 85



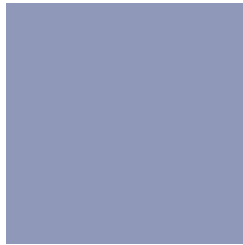
156, 0, 32



28, 0, 6

Previews

White Background



This preview shows how the RYB color 144, 151, 185 looks on a white background.

Color Contrast Check

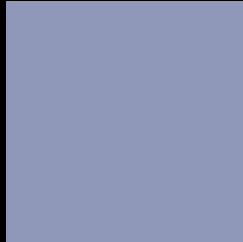
Large Text (above 18pt) WCAG AA × Fail

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 144, 151, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

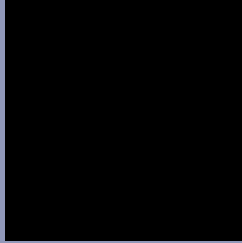
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

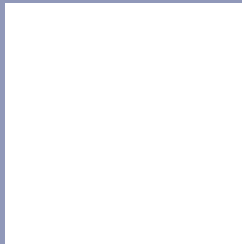
Any Text WCAG AAA ✓ Pass

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

RYB 144, 151, 185 Background



This preview shows how black text looks on a background with the RYB color 144, 151, 185.



This preview shows how white text looks on a background with the RYB color 144, 151, 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



Original Color
[144](#), [151](#), [185](#)

Protanopia
[146](#), [151](#), [185](#)

Deuteranopia
[152](#), [150](#), [186](#)



Tritanopia

141, 150, 168

Trichromacy



Original Color

144, 151, 185

Protanomaly

145, 151, 185

Deuteranomaly

149, 151, 186

Tritanomaly

142, 151, 174

Monochromacy



Original Color

144, 151, 185

Achromatopsia

154, 154, 154

Achromatomaly

150, 153, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 144, 151, 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(144, 152, 185) looks like.

```
.text, #text, p{  
    color:rgb(144, 152, 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(144, 152, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 152, 185) }
```

Border

The CSS property to change the border of an element to RYB 144, 151, 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(144, 152, 185) }
```

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

```
.border{ border-color:rgb(144, 152, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 152, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 152, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 152, 185);  
box-shadow:4px 4px 4px 4px rgb(144, 152,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 144, 151, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 152, 185) }
```

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

```
.background{ background-color: rgb(144,  
152, 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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