

Converting Colors

`RYB(161, 151, 179)`

Have a look what the booklet for RYB(161, 151, 179) contains.

RYB(161, 151, 179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(161, 151, 179)

Conversions

Conversions Part 1

Format	Color
Hex	A197B3
RGB	161, 151, 179
RGB Percent	63%, 59%, 70%
CMY	0.3686, 0.4078, 0.2980
CMYK	0.10, 0.16, 0.00, 0.30
HSL	261°, 16%, 65%
HSV	261°, 16%, 70%
XYZ	33.9012, 32.9650, 47.2239
YIQ	157.1820, -3.0280, 10.8280

Conversions

Conversions Part 2

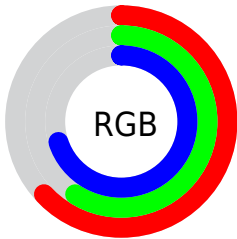
Format	Color
RYB	161, 151, 179
Decimal	10590131
CIELab	64.13, 9.19, -13.23
CIELCh	64, 16.111, 304.794
Yxy	32.9650, 0.2971, 0.2889
Android (android.graphics.Color)	4288780211 (0xFFFA197B3)
YUV	157.1820, 10.7563, 3.3484
Hunter-Lab	57.4151, 4.9204, -8.5754

Details

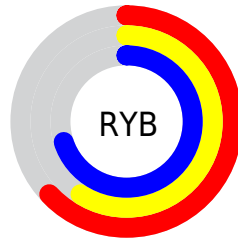
The RYB color **161, 151, 179** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **151, 179, 161**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **216, 205, 235**, and **109, 100, 126** is the 20% darker color. If you saturate the color by 10%, you get **149, 133, 179**, and if you desaturate by 10%, it is **173, 169, 179**.

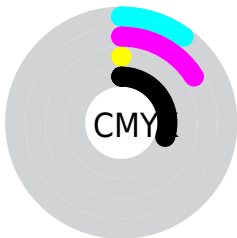
Distribution



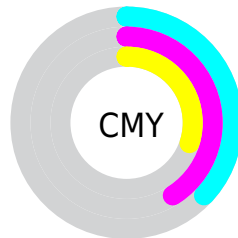
- Red (63%)
- Green (59%)
- Blue (70%)



- Red (63%)
- Yellow (59%)
- Blue (70%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (37%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 151, 179 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 161, 151, 179 by changing the saturation by 10% instead.

■ 161, 151, 179

255, 255, 255

■ 216, 205, 235

■ 244, 233, 255

■ 161, 151, 179

■ 135, 125, 152

■ 109, 100, 126

■ 85, 76, 101

■ 61, 54, 77

■ 39, 32, 54

■ 20, 9, 33

■ 0, 0, 8

■ 0, 0, 0

■ 161, 151, 179

■ 161, 151, 179

149, 133, 179

173, 169, 179

138, 115, 179

179, 187, 182

126, 97, 179

179, 205, 188

115, 79, 179

179, 223, 195

103, 62, 179

179, 241, 201

92, 44, 179

179, 255, 204

80, 26, 179

179, 255, 192

69, 8, 179

179, 255, 181

64, 0, 179

179, 255, 179

Harmonies

Analogous

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



142, 153, 184



161, 151, 179



176, 147, 168

Triad

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



161, 151, 179



177, 165, 130



120, 144, 164

Complementary

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



161, 151, 179



151, 179, 161

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.



132, 155, 163



161, 151, 179



139, 164, 127

Square

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



161, 151, 179



185, 148, 140



132, 160, 144



117, 142, 171

Rectangle

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



161, 151, 179



183, 146, 159



132, 160, 144



124, 148, 164

Sweetspot

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



161, 151, 179



225, 220, 232



151, 162, 179



113, 110, 117



245, 245, 245



117, 117, 117

Same Dimension

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



161, 151, 179



204, 188, 232



175, 151, 179



84, 80, 89



55, 0, 153



9, 0, 26

Inverse Universe

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



179, 151, 169



232, 188, 216



151, 179, 175



89, 80, 86



153, 0, 98



26, 0, 16

Previews

White Background



This preview shows how the RYB color 161, 151, 179 looks on a white background.

Color Contrast Check

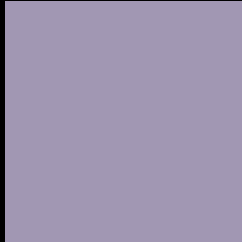
Large Text (above 18pt) WCAG AA × Fail

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 161, 151, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

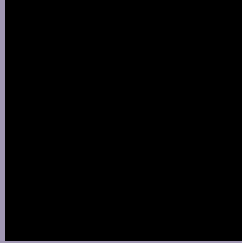
Any Text WCAG AA ✓ Pass

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 161, 151, 179 Background



This preview shows how black text looks on a background with the RYB color 161, 151, 179.



This preview shows how white text looks on a background with the RYB color 161, 151, 179.

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
161, 151, 179

Protanopia
150, 154, 181

Deuteranopia
159, 152, 179



Tritanopia
159, 153, 165

Trichromacy



Original Color

161, 151, 179

Protanomaly

154, 153, 180

Deuteranomaly

160, 152, 179

Tritanomaly

160, 152, 170

Monochromacy



Original Color

161, 151, 179

Achromatopsia

157, 157, 157

Achromatomaly

158, 155, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 151, 179 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(161, 151, 179)` looks like.

```
.text, #text, p{  
    color:rgb(161, 151, 179)  
}
```

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(161, 151, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 151, 179) }
```

Border

The CSS property to change the border of an element to RYB 161, 151, 179 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(161, 151, 179) }
```

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

```
.border{ border-color:rgb(161, 151, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 151, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 151, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 151, 179);  
box-shadow:4px 4px 4px 4px rgb(161, 151,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 161, 151, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 151, 179) }
```

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

```
.background{ background-color: rgb(161,  
151, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor