

Converting Colors

`RYB(151, 149, 177)`

Have a look what the booklet for
RYB(151, 149, 177) contains.

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Color

R_YB(151, 149, 177)

Conversions

Conversions Part 1

Format	Color
Hex	9795B1
RGB	151, 149, 177
RGB Percent	59%, 58%, 69%
CMY	0.4078, 0.4157, 0.3059
CMYK	0.15, 0.16, 0.00, 0.31
HSL	244°, 15%, 64%
HSV	244°, 16%, 69%
XYZ	31.4458, 31.2485, 45.9692
YIQ	152.7900, -7.7960, 9.1320

Conversions

Conversions Part 2

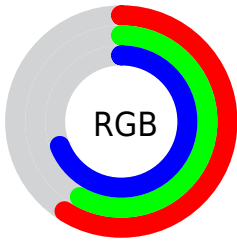
Format	Color
RYB	151, 149, 177
Decimal	9934257
CIELab	62.72, 6.52, -14.32
CIElCh	63, 15.732, 294.478
Yxy	31.2485, 0.2894, 0.2876
Android (android.graphics.Color)	4288124337 (0xFF9795B1)
YUV	152.7900, 11.9355, -1.5698
Hunter-Lab	55.9004, 2.5863, -9.6263

Details

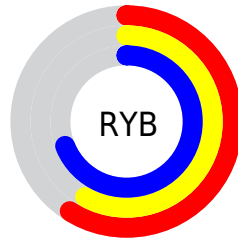
The RYB color **151, 149, 177** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **149, 177, 151**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **205, 203, 233**, and **100, 98, 124** is the 20% darker color. If you saturate the color by 10%, you get **135, 131, 177**, and if you desaturate by 10%, it is **167, 167, 177**.

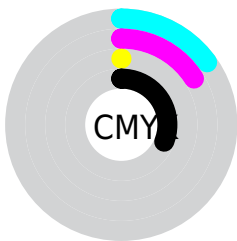
Distribution



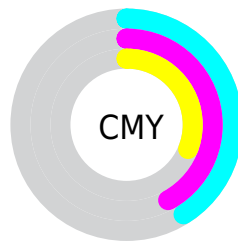
- Red (59%)
- Green (58%)
- Blue (69%)



- Red (59%)
- Yellow (58%)
- Blue (69%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 149, 177 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, 149, 177 by changing the saturation by 10% instead.

■ 151, 149, 177

255, 255, 255

■ 205, 203, 233

■ 234, 231, 255

■ 151, 149, 177

■ 125, 123, 150

■ 100, 98, 124

■ 76, 75, 99

■ 53, 52, 75

■ 31, 31, 53

■ 10, 6, 32

■ 0, 0, 4

■ 0, 0, 0

■ 151, 149, 177

■ 151, 149, 177

■ 135, 131, 177

■ 167, 167, 177

■ 118, 114, 177

■ 177, 184, 177

■ 102, 96, 177

■ 177, 202, 179

■ 85, 78, 177

■ 177, 220, 180

■ 69, 61, 177

■ 177, 238, 182

■ 52, 43, 177

■ 177, 255, 182

■ 36, 25, 177

■ 177, 255, 177

■ 20, 7, 177

■ 13, 0, 177

Harmonies

Analogous

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



133, 147, 179



151, 149, 177



167, 145, 168

Triad

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



151, 149, 177



176, 153, 129



121, 144, 160

Complementary

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



151, 149, 177



149, 177, 151

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.



134, 157, 158



151, 149, 177



148, 165, 124

Square

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



151, 149, 177



181, 142, 141



126, 154, 130



115, 138, 163

Rectangle

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



151, 149, 177



175, 143, 160



126, 154, 130



125, 147, 159

Sweetspot

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



151, 149, 177



219, 218, 230



149, 162, 177



108, 108, 115



242, 242, 242



115, 115, 115

Same Dimension

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



151, 149, 177



189, 186, 230



165, 149, 177



81, 80, 89



11, 0, 153



2, 0, 26

Inverse Universe

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



177, 149, 175



230, 186, 226



149, 177, 165



89, 80, 89



153, 0, 142



26, 0, 24

Previews

White Background



This preview shows how the RYB color 151, 149, 177 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, 149, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

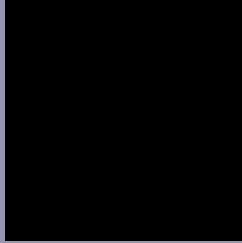
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

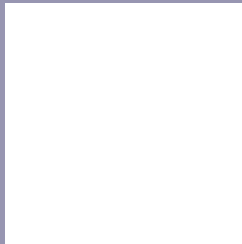
Any Text WCAG AAA ✓ Pass

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

RYB 151, 149, 177 Background



This preview shows how black text looks on a background with the RYB color 151, 149, 177.



This preview shows how white text looks on a background with the RYB color 151, 149, 177.

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

[151](#), [149](#), [177](#)

Protanopia

[146](#), [150](#), [178](#)

Deuteranopia

[154](#), [148](#), [177](#)



Tritanopia
149, 151, 163

Trichromacy



Original Color

151, 149, 177

Protanomaly

148, 150, 178

Deuteranomaly

153, 148, 177

Tritanomaly

150, 150, 168

Monochromacy



Original Color

151, 149, 177

Achromatopsia

153, 153, 153

Achromatomaly

152, 152, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 149, 177 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, 149, 177)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 177)  
}
```

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, 149, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 177) }
```

Border

The CSS property to change the border of an element to RYB 151, 149, 177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

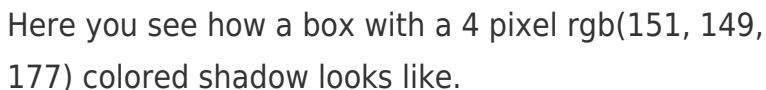
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 149, 177) }
```

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

```
.border{ border-color:rgb(151, 149, 177) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 149, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 149, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 149, 177); box-shadow:4px 4px 4px 4px rgb(151, 149, 177) }
```

Background

The CSS property to change the background color of an element to RYB 151, 149, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 177) }
```

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

```
.background{ background-color: rgb(151,  
149, 177) }
```

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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