

# Converting Colors

`RYB(151, 127, 154)`

Have a look what the booklet for  
RYB(151, 127, 154) contains.

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# Color

**R<sub>Y</sub>B(151, 127, 154)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	977F9A
RGB	151, 127, 154
RGB Percent	59%, 50%, 60%
CMY	0.4078, 0.5020, 0.3961
CMYK	0.02, 0.18, 0.00, 0.40
HSL	293°, 12%, 55%
HSV	293°, 18%, 60%
XYZ	26.1846, 24.0911, 33.8418
YIQ	137.2540, 5.6370, 13.4850

# Conversions

## Conversions Part 2

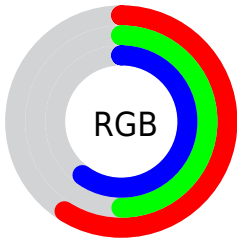
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 127, 154
Decimal	9928602
CIE Lab	56.18, 14.23, -11.03
CIE LCh	56, 18.000, 322.213
Yxy	24.0911, 0.3113, 0.2864
Android (android.graphics.Color)	4288118682 (0xFF977F9A)
YUV	137.2540, 8.2558, 12.0552
Hunter-Lab	49.0827, 9.3312, -6.5217

# Details

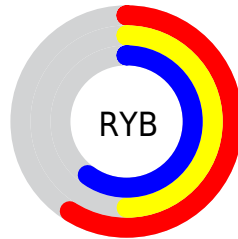
The RYB color **151, 127, 154** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **127, 154, 151**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **205, 180, 208**, and **100, 78, 103** is the 20% darker color. If you saturate the color by 10%, you get **149, 112, 154**, and if you desaturate by 10%, it is **153, 142, 154**.

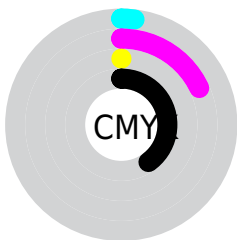
# Distribution



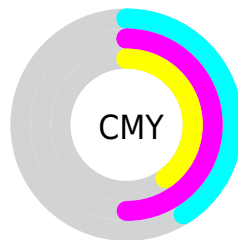
- Red (59%)
- Green (50%)
- Blue (60%)



- Red (59%)
- Yellow (50%)
- Blue (60%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)




- Cyan (41%)
- Magenta (50%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 151, 127, 154 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, 127, 154 by changing the saturation by 10% instead.




 151, 127, 154

255, 255, 255


 205, 180, 208

 234, 207, 237


 255, 236, 255


 151, 127, 154

 125, 102, 128

 100, 78, 103

 76, 55, 79

 53, 33, 56


 31, 12, 34

 0, 0, 11

 0, 0, 0


 151, 127, 154


 149, 112, 154


 151, 127, 154

 153, 142, 154

 148, 96, 154

 154, 158, 158

 146, 81, 154


 154, 173, 171

 144, 65, 154

 154, 189, 185

 142, 50, 154

 154, 204, 198

 141, 35, 154

 154, 219, 212

 139, 19, 154

 154, 235, 226

 137, 4, 154

 154, 250, 239

 137, 0, 154

 154, 255, 243

# Harmonies

## Analogous

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



132, 132, 163



151, 127, 154



163, 124, 139

# Triad

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



151, 127, 154



134, 150, 104



91, 118, 146

# Complementary

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



151, 127, 154



127, 154, 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.



100, 125, 143



151, 127, 154



106, 137, 109

# Square

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



151, 127, 154



162, 134, 111



115, 141, 140



95, 122, 159

# Rectangle

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



151, 127, 154



167, 124, 129



115, 141, 140



93, 119, 144



# Sweetspot

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



151, 127, 154



200, 191, 201



127, 130, 154



101, 96, 102



230, 230, 230



102, 102, 102



# Same Dimension

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



151, 127, 154



197, 159, 201



154, 127, 144



76, 69, 77



125, 0, 140



11, 0, 13



# Inverse Universe

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



154, 127, 130



201, 159, 164



127, 147, 154



77, 69, 70



140, 0, 16

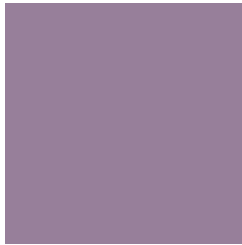


13, 0, 1



# Previews

## White Background



This preview shows how the RYB color 151, 127, 154 looks on a white background.

## Color Contrast Check

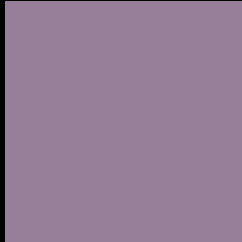
Large Text (above 18pt) WCAG AA ✓ Pass

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, 127, 154 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

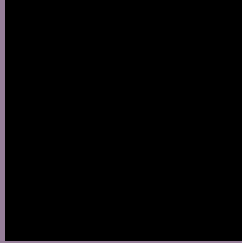
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RYB 151, 127, 154 Background



This preview shows how black text looks on a background with the RYB color 151, 127, 154.



This preview shows how white text looks on a background with the RYB color 151, 127, 154.

# 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, 127, 154

**Protanopia**  
130, 134, 158

**Deuteranopia**  
139, 131, 153



**Tritanopia**  
149, 130, 140

# Trichromacy



**Original Color**

151, 127, 154

**Protanomaly**

138, 131, 157

**Deuteranomaly**

143, 130, 153

**Tritanomaly**

150, 129, 145

# Monochromacy



**Original Color**

151, 127, 154

**Achromatopsia**

137, 137, 137

**Achromatomaly**

142, 133, 143

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 151, 127, 154 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, 127, 154)` looks like.

```
.text, #text, p{  
    color:rgb(151, 127, 154)  
}
```

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, 127, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 127, 154) }
```

## Border

The CSS property to change the border of an element to RYB 151, 127, 154 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, 127, 154) }
```

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

```
.border{ border-color:rgb(151, 127, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 127, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 127, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 127, 154);  
box-shadow:4px 4px 4px 4px rgb(151, 127,  
154) }
```

# Background

The CSS property to change the background color of an element to RYB 151, 127, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 127, 154) }
```

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

```
.background{ background-color: rgb(151,  
127, 154) }
```

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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