Converting Colors

RYB(151, 123, 150)

Have a look what the booklet for RYB(151, 123, 150) contains.

Color

RYB(151, 123, 150)

Conversions

Format	Color
Hex	977B96
RGB	151, 123, 150
RGB Percent	59%, 48%, 59%
CMY	0.4078, 0.5176, 0.4118
CMYK	0.00, 0.19, 0.01, 0.41
HSL	302°, 12%, 54%
HSV	302°, 19%, 59%
XYZ	25.3505, 22.9472, 31.9473
YIQ	134.4500, 8.0210, 14.3330

Conversions Part 1

Conversions

Conversions Part 2

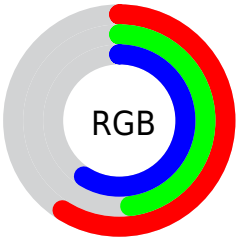
Format	Color
RYB	151, 123, 150
Decimal	9927574
CIELab	55.02, 15.74, -10.45
CIELCh	55, 18.893, 326.405
Yxy	22.9472, 0.3159, 0.2860
Android (android.graphics.Color)	4288117654 (0xFF977B96)
YUV	134.4500, 7.6662, 14.5144
Hunter-Lab	47.9033, 10.6317, -6.0090

Details

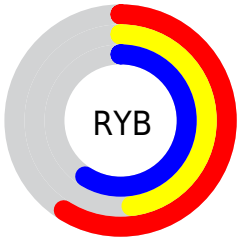
The RYB color 151, 123, 150 is a dark color, and the websafe version is hex 996699. A complement of this color would be 123, 150, 151, and the grayscale version is 134, 134, 134.

A 20% lighter version of the original color is 205, 176, 204, and 100, 74, 99 is the 20% darker color. If you saturate the color by 10%, you get 151, 108, 149, and if you desaturate by 10%, it is 151, 138, 151.

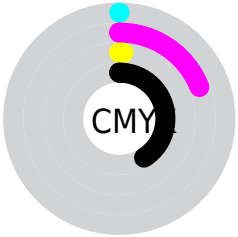
Distribution



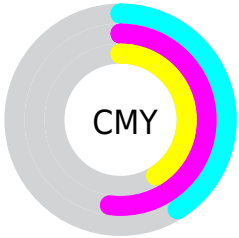
- Red (59%)
- Green (48%)
- Blue (59%)



- Red (59%)
- Yellow (48%)
- Blue (59%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (41%)



- Cyan (41%)
- Magenta (52%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 123, 150 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, 123, 150 by changing the saturation by 10% instead.

151, 123, 150

255, 255, 255

205, 176, 204

234, 203, 232

255, 231, 255

151, 123, 150

125, 98, 124

100, 74, 99

76, 51, 75

53, 30, 53

32, 7, 31

0, 0, 5

0, 0, 0

151, 123, 150

151, 108, 149

151, 123, 150

151, 138, 151

151, 93, 149

151, 78, 148

151, 63, 148

151, 48, 147

151, 32, 147

151, 17, 146

151, 2, 146

151, 0, 146

151, 153, 153

151, 167, 168

151, 182, 183

151, 197, 199

151, 212, 214

151, 226, 229

151, 241, 244

151, 251, 255

Harmonies

Analogous

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

132, 128, 161

151, 123, 150

163, 120, 134

Triad

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

151, 123, 150

123, 146, 99

85, 114, 146

Complementary

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

151, 123, 150

123, 150, 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.

93, 120, 141

151, 123, 150

102, 135, 108

Square

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

151, 123, 150

159, 137, 105

110, 136, 139

91, 119, 158

Rectangle

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

151, 123, 150

165, 120, 123

110, 136, 139

87, 114, 141

Sweetspot

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

151, 123, 150

196, 185, 196

124, 123, 151

99, 92, 99

227, 227, 227

99, 99, 99

Same Dimension

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

151, 123, 150

196, 153, 195

151, 123, 136

77, 69, 76

140, 0, 135

13, 0, 12

Inverse Universe

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

151, 123, 150

196, 153, 195

123, 141, 151

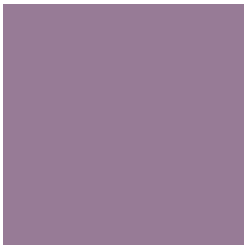
77, 69, 76

140, 0, 135

13, 0, 12

Previews

White Background

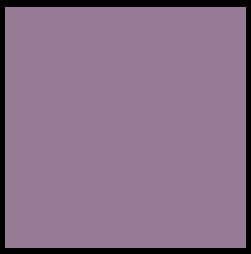


This preview shows how the RYB color 151, 123, 150 looks on a white background.

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



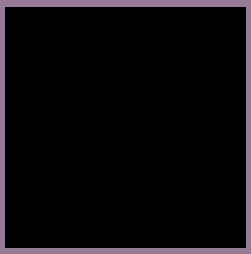
This preview shows how the RYB color 151, 123, 150 looks on a black background.

Color Contrast Check

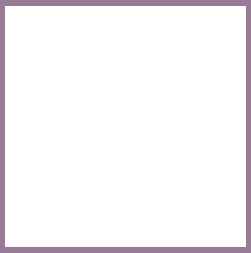
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 151, 123, 150 Background



This preview shows how black text looks on a background with the RYB color 151, 123, 150.

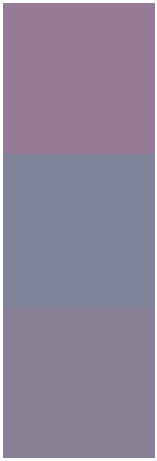


This preview shows how white text looks on a background with the RYB color 151, 123, 150.

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, 123, 150

Protanopia
127, 131, 155

Deuteranopia
137, 128, 149

Tritanopia
149, 126, 135

Trichromacy

Original Color
151, 123, 150

Protanomaly
136, 128, 153

Deuteranomaly
142, 126, 149

Tritanomaly
150, 125, 140

Monochromacy

Original Color
151, 123, 150

Achromatopsia
134, 134, 134

Achromatomaly
140, 130, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 123, 150 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, 123, 150) looks like.

```
.text, #text, p{
    color:rgb(151, 123, 150)
}
```

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, 123, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 123, 150) }
```

Border

The CSS property to change the border of an element to RYB 151, 123, 150 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, 123, 150) }
```

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

```
.border{ border-color:rgb(151, 123, 150) }
```

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

Here you see how a box with a 4 pixel rgb(151, 123, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 123, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 123, 150); box-shadow:4px 4px 4px 4px rgb(151, 123, 150) }
```

Background

The CSS property to change the background color of an element to RYB 151, 123, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(151, 123, 150) }
```

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

```
.background{ background-color:rgb(151,
123, 150) }
```

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