Converting Colors

RYB(122, 151, 167)

Have a look what the booklet for RYB(122, 151, 167) contains.

Color

RYB(122, 151, 167)

Conversions

Conversions Part 1

Format	Color
Hex	7AA793
RGB	122, 167, 147
RGB Percent	48%, 65%, 58%
CMY	0.5216, 0.3451, 0.4242
CMYK	0.27, 0.00, 0.12, 0.35
HSL	153°, 20%, 57%
HSV	153°, 27%, 65%
XYZ	27.0977, 33.8762, 32.6434
YIQ	151.2650, -20.4000, -15.7600

Conversions

Conversions Part 2

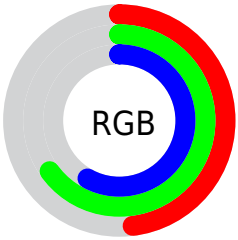
Format	Color
RYB	122, 151, 167
Decimal	8038291
CIELab	64.86, -19.47, 5.56
CIELCh	65, 20.252, 164.054
Yxy	33.8762, 0.2895, 0.3619
Android (android.graphics.Color)	4286228371 (0xFF7AA793)
YUV	151.2650, -2.1026, -25.6654
Hunter-Lab	58.2032, -18.7514, 7.4893

Details

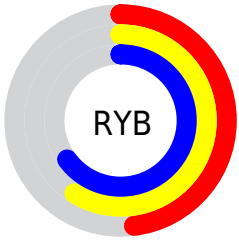
The RYB color 122, 151, 167 is a dark color, and the websafe version is hex 669999. A complement of this color would be 167, 122, 142, and the grayscale version is 151, 151, 151.

A 20% lighter version of the original color is 175, 205, 222, and 72, 100, 115 is the 20% darker color. If you saturate the color by 10%, you get 105, 145, 167, and if you desaturate by 10%, it is 139, 157, 167.

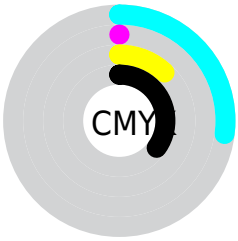
Distribution



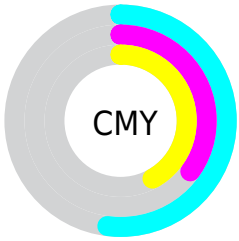
- Red (48%)
- Green (65%)
- Blue (58%)



- Red (48%)
- Yellow (59%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)
- Black (35%)



- Cyan (52%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 151, 167 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 122, 151, 167 by changing the saturation by 10% instead.

122, 151, 167	122, 151, 167
255, 255, 255	96, 125, 141
175, 205, 222	72, 100, 115
203, 234, 251	48, 74, 90
231, 243, 255	24, 50, 66
	0, 27, 44
	0, 22, 25
	0, 0, 0

122, 151, 167	122, 151, 167
105, 145, 167	139, 157, 167

89, 139, 167

72, 133, 167

55, 127, 167

38, 121, 167

22, 115, 167

5, 110, 167

0, 108, 167

155, 163, 167

172, 167, 169

189, 167, 177

205, 167, 184

222, 167, 192

239, 167, 199

255, 167, 207

255, 167, 214

Harmonies

Analogous

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

131, 164, 153

122, 151, 167

109, 139, 168

Triad

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

122, 151, 167

148, 155, 192

192, 151, 133

Complementary

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

122, 151, 167

167, 122, 142

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.

195, 145, 149

122, 151, 167

171, 150, 183

Square

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

122, 151, 167

124, 148, 192

188, 146, 168

174, 180, 123

Rectangle

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

122, 151, 167

107, 139, 177

188, 146, 168

194, 147, 138

Sweetspot

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

122, 151, 167

199, 211, 217

122, 167, 147

99, 106, 110

237, 237, 237

110, 110, 110

Same Dimension

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

122, 151, 167

147, 192, 217

122, 144, 167

76, 81, 84

0, 95, 148

0, 13, 20

Inverse Universe

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

167, 122, 142

217, 147, 178

167, 124, 122

84, 76, 80

148, 0, 66

20, 0, 9

Previews

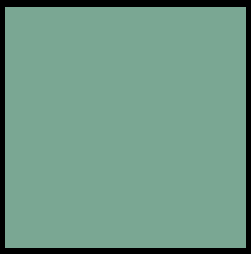
White Background

This preview shows how the RYB color 122, 151, 167 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



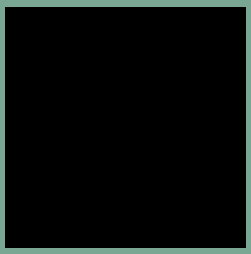
This preview shows how the RYB color 122, 151, 167 looks on a black background.

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 122, 151, 167 Background



This preview shows how black text looks on a background with the RYB color 122, 151, 167.

This preview shows how white text looks on a background with the RYB color 122, 151, 167.

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
122, 151, 167

Protanopia
151, 163, 141

Deuteranopia
174, 152, 150

Tritanopia
128, 148, 176

Trichromacy

Original Color
122, 151, 167

Protanomaly
143, 160, 155

Deuteranomaly
149, 157, 151

Tritanomaly
126, 145, 165

Monochromacy

Original Color
122, 151, 167

Achromatopsia
151, 151, 151

Achromatomaly
140, 151, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 151, 167 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(122, 167, 147) looks like.

```
.text, #text, p{
    color:rgb(122, 167, 147)
}
```

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(122, 167, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 167, 147) }
```

Border

The CSS property to change the border of an element to RYB 122, 151, 167 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(122, 167, 147) }
```

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

```
.border{ border-color:rgb(122, 167, 147) }
```

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

Here you see how a box with a 4 pixel rgb(122, 167, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 167, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 167, 147); box-shadow:4px 4px 4px 4px rgb(122, 167, 147) }
```

Background

The CSS property to change the background color of an element to RYB 122, 151, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(122, 167, 147) }
```

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

```
.background{ background-color:rgb(122,
167, 147) }
```

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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