Converting Colors

RYB(109, 147, 171)

Have a look what the booklet for RYB(109, 147, 171) contains.

Color

RYB(109, 147, 171)

Conversions

Conversions Part 1

Format	Color
Hex	6DAB94
RGB	109, 171, 148
RGB Percent	43%, 67%, 58%
CMY	0.5725, 0.3294, 0.4190
CMYK	0.36, 0.00, 0.13, 0.33
HSL	158°, 27%, 55%
HSV	158°, 36%, 67%
XYZ	26.2274, 34.5202, 33.3633
YIQ	149.8400, -29.5690, -20.2970

Conversions

Conversions Part 2

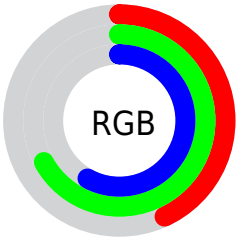
Format	Color
RYB	109, 147, 171
Decimal	7187348
CIELab	65.37, -25.23, 5.46
CIELCh	65, 25.814, 167.778
Yxy	34.5202, 0.2787, 0.3668
Android (android.graphics.Color)	4285377428 (0xFF6DAB94)
YUV	149.8400, -0.9071, -35.8167
Hunter-Lab	58.7539, -23.1378, 7.4600

Details

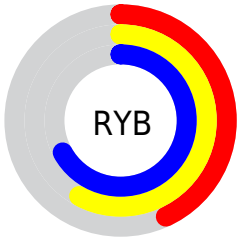
The RYB color 109, 147, 171 is a dark color, and the websafe version is hex 669999. A complement of this color would be 171, 109, 132, and the grayscale version is 150, 150, 150.

A 20% lighter version of the original color is 163, 203, 227, and 57, 94, 118 is the 20% darker color. If you saturate the color by 10%, you get 92, 140, 171, and if you desaturate by 10%, it is 126, 154, 171.

Distribution

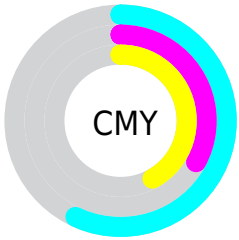


- Red (43%)
- Green (67%)
- Blue (58%)



- Red (43%)
- Yellow (58%)
- Blue (67%)

- Cyan (36%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (57%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 147, 171 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 109, 147, 171 by changing the saturation by 10% instead.

109, 147, 171	109, 147, 171
255, 255, 255	83, 120, 144
163, 203, 227	57, 93, 118
190, 230, 255	31, 68, 93
219, 237, 255	0, 40, 69
248, 252, 255	0, 29, 47
	0, 23, 27
	0, 0, 0

109, 147, 171	109, 147, 171
92, 140, 171	126, 154, 171

75, 134, 171

58, 127, 171

41, 121, 171

23, 114, 171

6, 107, 171

0, 105, 171

143, 160, 171

160, 167, 171

177, 171, 173

194, 171, 180

212, 171, 186

229, 171, 192

246, 171, 199

255, 171, 205

Harmonies

Analogous

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

127, 168, 160

109, 147, 171

91, 132, 172

Triad

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

109, 147, 171

149, 155, 203

200, 156, 125

Complementary

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

109, 147, 171

171, 109, 132

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.

206, 142, 146

109, 147, 171

179, 148, 190

Square

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

109, 147, 171

116, 147, 203

199, 143, 169

167, 184, 114

Rectangle

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

109, 147, 171

89, 133, 186

199, 143, 169

203, 148, 131

Sweetspot

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

109, 147, 171

197, 212, 222

109, 171, 147

98, 107, 112

240, 240, 240

112, 112, 112

Same Dimension

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

109, 147, 171

124, 184, 222

109, 138, 171

78, 83, 87

0, 92, 150

0, 14, 23

Inverse Universe

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

171, 109, 132

222, 124, 160

171, 117, 109

87, 78, 81

150, 0, 55

23, 0, 8

Previews

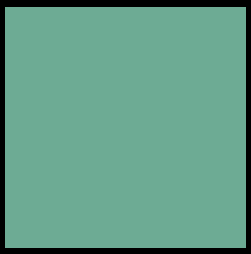
White Background

This preview shows how the RYB color 109, 147, 171 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



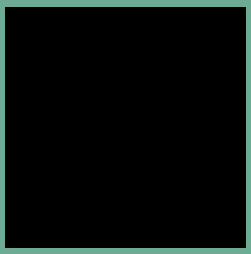
This preview shows how the RYB color 109, 147, 171 looks on a black background.

Color Contrast Check

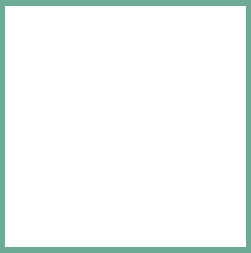
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 109, 147, 171 Background



This preview shows how black text looks on a background with the RYB color 109, 147, 171.



This preview shows how white text looks on a background with the RYB color 109, 147, 171.

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
109, 147, 171

Protanopia
151, 165, 141

Deuteranopia
175, 153, 152

Tritanopia
116, 144, 180

Trichromacy

Original Color
109, 147, 171

Protanomaly
144, 163, 162

Deuteranomaly
151, 160, 160

Tritanomaly
113, 141, 168

Monochromacy

Original Color
109, 147, 171

Achromatopsia
150, 150, 150

Achromatomaly
135, 149, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 147, 171 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(109, 171, 148) looks like.

```
.text, #text, p{
    color:rgb(109, 171, 148)
}
```

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(109, 171, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 171, 148) }
```

Border

The CSS property to change the border of an element to RYB 109, 147, 171 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(109, 171, 148) }
```

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

```
.border{ border-color:rgb(109, 171, 148) }
```

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

Here you see how a box with a 4 pixel rgb(109, 171, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 171, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 171, 148); box-shadow:4px 4px 4px 4px rgb(109, 171, 148) }
```

Background

The CSS property to change the background color of an element to RYB 109, 147, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(109, 171, 148) }
```

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

```
.background{ background-color:rgb(109,
171, 148) }
```

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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