Converting Colors

RYB(107, 144, 158)

Have a look what the booklet for RYB(107, 144, 158) contains.

Color

RYB(107, 144, 158)

Conversions

Conversions Part 1

Format	Color
Hex	6B9E7E
RGB	107, 158, 126
RGB Percent	42%, 62%, 49%
CMY	0.5804, 0.3804, 0.5047
CMYK	0.32, 0.00, 0.20, 0.38
HSL	143°, 21%, 52%
HSV	143°, 32%, 62%
XYZ	22.0754, 29.0936, 24.2915
YIQ	139.1030, -20.1240, -20.7640

Conversions

Conversions Part 2

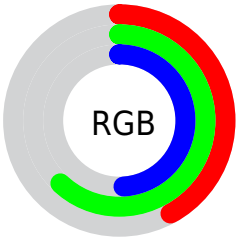
Format	Color
RYB	107, 144, 158
Decimal	7052926
CIELab	60.86, -23.97, 11.22
CIELCh	61, 26.464, 154.904
Yxy	29.0936, 0.2925, 0.3855
Android (android.graphics.Color)	4285243006 (0xFF6B9E7E)
YUV	139.1030, -6.4598, -28.1543
Hunter-Lab	53.9385, -21.3376, 11.0553

Details

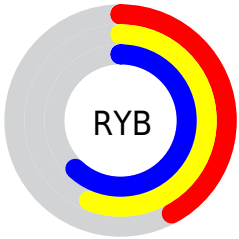
The RYB color 107, 144, 158 is a dark color, and the websafe version is hex 669966. A complement of this color would be 158, 107, 139, and the grayscale version is 139, 139, 139.

A 20% lighter version of the original color is 160, 199, 213, and 57, 92, 106 is the 20% darker color. If you saturate the color by 10%, you get 91, 140, 158, and if you desaturate by 10%, it is 123, 149, 158.

Distribution

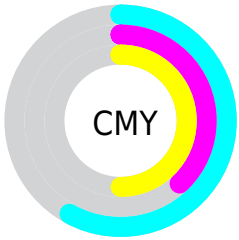


- Red (42%)
- Green (62%)
- Blue (49%)



- Red (42%)
- Yellow (56%)
- Blue (62%)

- Cyan (32%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)



- Cyan (58%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 144, 158 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 107, 144, 158 by changing the saturation by 10% instead.

107, 144, 158	107, 144, 158
255, 255, 255	82, 118, 132
160, 199, 213	57, 92, 106
187, 226, 241	33, 67, 82
215, 242, 255	5, 40, 58
244, 250, 255	0, 29, 37
	0, 6, 6
	0, 0, 0

107, 144, 158	107, 144, 158
91, 140, 158	123, 149, 158

75, 135, 158

60, 131, 158

44, 127, 158

28, 122, 158

12, 118, 158

0, 115, 158

139, 153, 158

154, 157, 158

170, 158, 166

186, 158, 175

202, 158, 185

218, 158, 195

233, 158, 205

249, 158, 215

Harmonies

Analogous

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

108, 153, 127

107, 144, 158

82, 124, 160

Triad

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

107, 144, 158

122, 141, 193

192, 134, 121

Complementary

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

107, 144, 158

158, 107, 139

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.

193, 129, 144

107, 144, 158

155, 139, 185

Square

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

107, 144, 158

89, 129, 188

180, 132, 167

180, 167, 105

Rectangle

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

107, 144, 158

73, 118, 166

180, 132, 167

194, 131, 128

Sweetspot

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

107, 144, 158

186, 201, 207

107, 158, 126

92, 101, 105

232, 232, 232

105, 105, 105

Same Dimension

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

107, 144, 158

126, 185, 207

107, 134, 158

71, 77, 79

0, 104, 143

0, 11, 15

Inverse Universe

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

158, 107, 139

207, 126, 176

158, 107, 114

79, 71, 76

143, 0, 89

15, 0, 10

Previews

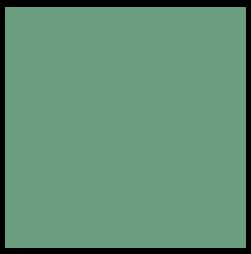
White Background

This preview shows how the RYB color 107, 144, 158 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



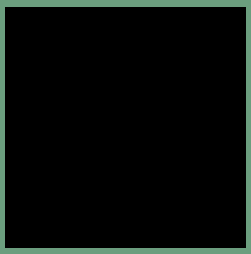
This preview shows how the RYB color 107, 144, 158 looks on a black background.

Color Contrast Check

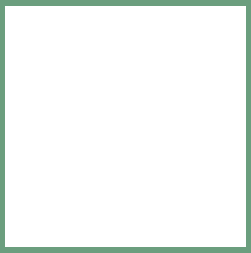
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RYB 107, 144, 158 Background



This preview shows how black text looks on a background with the RYB color 107, 144, 158.



This preview shows how white text looks on a background with the RYB color 107, 144, 158.

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
107, 144, 158

Protanopia
132, 155, 120

Deuteranopia
166, 146, 130

Tritanopia
115, 137, 165

Trichromacy

Original Color
107, 144, 158

Protanomaly
122, 150, 134

Deuteranomaly
129, 147, 131

Tritanomaly
112, 135, 155

Monochromacy

Original Color
107, 144, 158

Achromatopsia
139, 139, 139

Achromatomaly
127, 141, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 144, 158 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(107, 158, 126) looks like.

```
.text, #text, p{
    color:rgb(107, 158, 126)
}
```

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(107, 158, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 158, 126) }
```

Border

The CSS property to change the border of an element to RYB 107, 144, 158 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(107, 158, 126) }
```

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

```
.border{ border-color:rgb(107, 158, 126) }
```

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

Here you see how a box with a 4 pixel rgb(107, 158, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 158, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 158, 126); box-shadow:4px 4px 4px 4px rgb(107, 158, 126) }
```

Background

The CSS property to change the background color of an element to RYB 107, 144, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(107, 158, 126) }
```

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

```
.background{ background-color:rgb(107,
158, 126) }
```

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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