Converting Colors

RYB(114, 151, 167)

Have a look what the booklet for RYB(114, 151, 167) contains.

Color

RYB(114, 151, 167)

Conversions

Conversions Part 1

Format	Color
Hex	72A789
RGB	114, 167, 137
RGB Percent	45%, 65%, 54%
CMY	0.5529, 0.3451, 0.4631
CMYK	0.32, 0.00, 0.18, 0.35
HSL	146°, 23%, 55%
HSV	146°, 32%, 65%
XYZ	25.2677, 33.0187, 28.6779
YIQ	147.7330, -21.9580, -20.5660

Conversions

Conversions Part 2

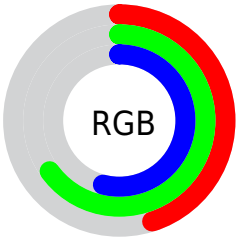
Format	Color
RYB	114, 151, 167
Decimal	7513993
CIELab	64.18, -24.09, 10.03
CIELCh	64, 26.094, 157.387
Yxy	33.0187, 0.2906, 0.3797
Android (android.graphics.Color)	4285704073 (0xFF72A789)
YUV	147.7330, -5.2914, -29.5838
Hunter-Lab	57.4619, -22.0665, 10.6330

Details

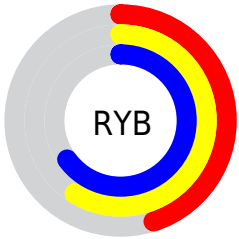
The RYB color 114, 151, 167 is a dark color, and the websafe version is hex 669966. A complement of this color would be 167, 114, 144, and the grayscale version is 148, 148, 148.

A 20% lighter version of the original color is 167, 206, 222, and 64, 99, 115 is the 20% darker color. If you saturate the color by 10%, you get 97, 146, 167, and if you desaturate by 10%, it is 131, 156, 167.

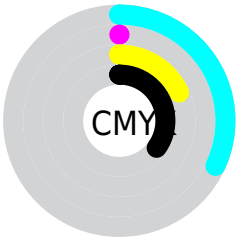
Distribution



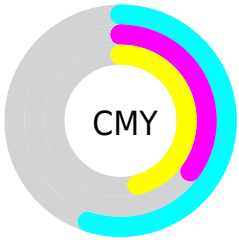
- Red (45%)
- Green (65%)
- Blue (54%)



- Red (45%)
- Yellow (59%)
- Blue (65%)



- Cyan (32%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)



- Cyan (55%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 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 114, 151, 167 by changing the saturation by 10% instead.

114, 151, 167	114, 151, 167
255, 255, 255	88, 124, 140
167, 206, 222	64, 99, 115
195, 235, 251	39, 73, 90
223, 241, 255	12, 47, 66
252, 254, 255	0, 30, 44
	0, 23, 23
	0, 0, 0

114, 151, 167	114, 151, 167
97, 146, 167	131, 156, 167

81, 141, 167

64, 136, 167

47, 131, 167

31, 126, 167

14, 121, 167

0, 117, 167

147, 161, 167

164, 166, 167

181, 167, 175

197, 167, 184

214, 167, 194

231, 167, 203

248, 167, 213

255, 167, 222

Harmonies

Analogous

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

118, 163, 140

114, 151, 167

91, 132, 169

Triad

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

114, 151, 167

134, 151, 201

200, 144, 128

Complementary

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

114, 151, 167

167, 114, 144

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.

202, 138, 151

114, 151, 167

166, 148, 193

Square

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

114, 151, 167

102, 139, 198

190, 141, 174

187, 179, 113

Rectangle

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

114, 151, 167

84, 128, 176

190, 141, 174

202, 140, 135

Sweetspot

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

114, 151, 167

195, 211, 217

114, 167, 136

96, 106, 110

237, 237, 237

110, 110, 110

Same Dimension

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

114, 151, 167

134, 192, 217

114, 142, 167

76, 82, 84

0, 103, 148

0, 14, 20

Inverse Universe

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

167, 114, 144

217, 134, 181

167, 114, 118

84, 76, 81

148, 0, 84

20, 0, 12

Previews

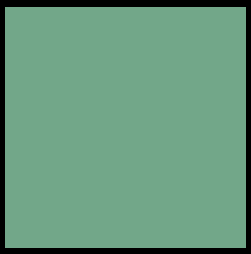
White Background

This preview shows how the RYB color 114, 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



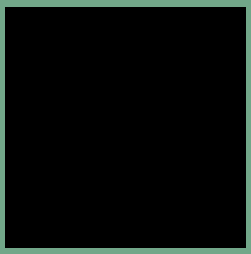
This preview shows how the RYB color 114, 151, 167 looks on a black background.

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 114, 151, 167 Background



This preview shows how black text looks on a background with the RYB color 114, 151, 167.

This preview shows how white text looks on a background with the RYB color 114, 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

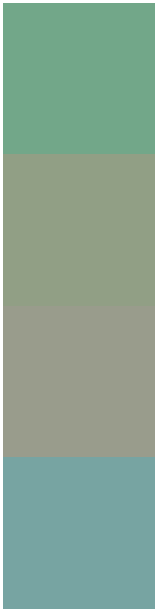
Original Color
114, 151, 167

Protanopia
142, 163, 131

Deuteranopia
175, 151, 141

Tritanopia
122, 145, 175

Trichromacy



Original Color
114, 151, 167

Protanomaly
133, 159, 147

Deuteranomaly
140, 156, 143

Tritanomaly
119, 142, 164

Monochromacy

Original Color
114, 151, 167

Achromatopsia
148, 148, 148

Achromatomaly
136, 149, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 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(114, 167, 137) looks like.

```
.text, #text, p{
    color:rgb(114, 167, 137)
}
```

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(114, 167, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 167, 137) }
```

Border

The CSS property to change the border of an element to RYB 114, 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(114, 167, 137) }
```

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

```
.border{ border-color:rgb(114, 167, 137) }
```

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

Here you see how a box with a 4 pixel rgb(114, 167, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 167, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 167, 137); box-shadow:4px 4px 4px 4px rgb(114, 167, 137) }
```

Background

The CSS property to change the background color of an element to RYB 114, 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(114, 167, 137) }
```

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

```
.background{ background-color:rgb(114,
167, 137) }
```

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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