Converting Colors

RYB(144, 164, 173)

Have a look what the booklet for RYB(144, 164, 173) contains.

Color

RYB(144, 164, 173)

Conversions

Conversions Part 1

Format	Color
Hex	90AD9D
RGB	144, 173, 157
RGB Percent	56%, 68%, 62%
CMY	0.4353, 0.3216, 0.3841
CMYK	0.17, 0.00, 0.09, 0.32
HSL	147°, 15%, 62%
HSV	147°, 17%, 68%
XYZ	32.5352, 38.2525, 37.5893
YIQ	162.5050, -12.1480, -11.1240

Conversions

Conversions Part 2

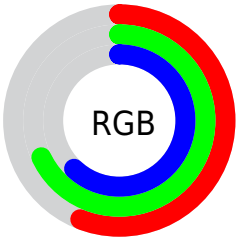
Format	Color
RYB	144, 164, 173
Decimal	9481629
CIELab	68.21, -13.19, 4.88
CIELCh	68, 14.068, 159.699
Yxy	38.2525, 0.3002, 0.3530
Android (android.graphics.Color)	4287671709 (0xFF90AD9D)
YUV	162.5050, -2.7140, -16.2289
Hunter-Lab	61.8486, -14.3357, 7.2597

Details

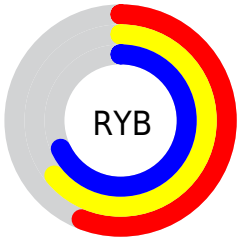
The RYB color 144, 164, 173 is a light color, and the websafe version is hex 669999. A complement of this color would be 173, 144, 160, and the grayscale version is 163, 163, 163.

A 20% lighter version of the original color is 198, 218, 228, and 93, 112, 121 is the 20% darker color. If you saturate the color by 10%, you get 127, 159, 173, and if you desaturate by 10%, it is 161, 169, 173.

Distribution

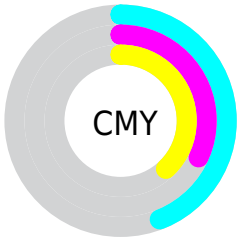


- Red (56%)
- Green (68%)
- Blue (62%)



- Red (56%)
- Yellow (64%)
- Blue (68%)

- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (32%)



- Cyan (44%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 164, 173 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 144, 164, 173 by changing the saturation by 10% instead.

144, 164, 173

255, 255, 255

198, 218, 228

226, 246, 255

144, 164, 173

118, 137, 146

93, 112, 121

69, 87, 96

46, 63, 72

25, 41, 49

1, 19, 29

0, 0, 0

144, 164, 173

127, 159, 173

144, 164, 173

161, 169, 173

109, 153, 173	179, 173, 176
92, 148, 173	196, 173, 186
75, 143, 173	213, 173, 195
57, 137, 173	231, 173, 205
40, 132, 173	248, 173, 214
23, 127, 173	255, 173, 224
6, 121, 173	255, 173, 233
0, 119, 173	255, 173, 243

Harmonies

Analogous

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

147, 170, 159

144, 164, 173

135, 156, 174

Triad

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

144, 164, 173

158, 164, 191

192, 161, 151

Complementary

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

144, 164, 173

173, 144, 160

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, 158, 162

144, 164, 173

174, 162, 186

Square

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

144, 164, 173

143, 160, 190

187, 159, 175

185, 181, 143

Rectangle

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

144, 164, 173

133, 154, 178

187, 159, 175

193, 158, 154

Sweetspot

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

144, 164, 173

213, 221, 224

144, 173, 157

105, 110, 112

240, 240, 240

112, 112, 112

Same Dimension

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

144, 164, 173

180, 210, 224

144, 159, 173

78, 84, 87

0, 103, 150

0, 16, 23

Inverse Universe

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

173, 144, 160

224, 180, 204

173, 144, 145

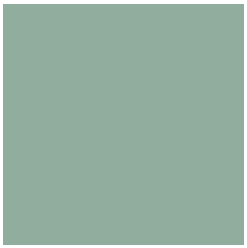
87, 78, 83

150, 0, 83

23, 0, 13

Previews

White Background

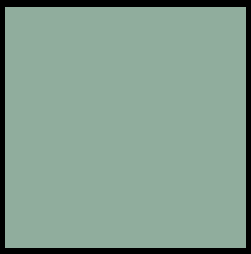


This preview shows how the RYB color 144, 164, 173 looks on a white background.

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



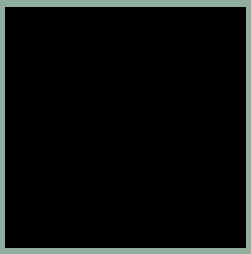
This preview shows how the RYB color 144, 164, 173 looks on a black background.

Color Contrast Check

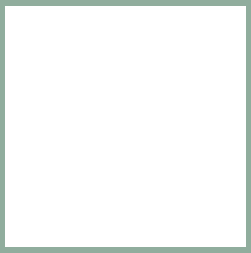
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 144, 164, 173 Background



This preview shows how black text looks on a background with the RYB color 144, 164, 173.



This preview shows how white text looks on a background with the RYB color 144, 164, 173.

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
144, 164, 173

Protanopia
164, 172, 153

Deuteranopia
184, 160, 160

Tritanopia
149, 162, 183

Trichromacy

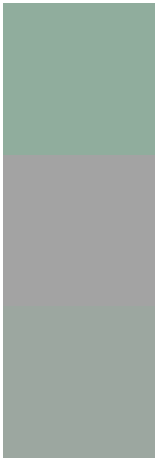
Original Color
144, 164, 173

Protanomaly
154, 168, 160

Deuteranomaly
166, 169, 159

Tritanomaly
147, 159, 174

Monochromacy



Original Color
144, 164, 173

Achromatopsia
163, 163, 163

Achromatomaly
156, 164, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 164, 173 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(144, 173, 157) looks like.

```
.text, #text, p{
    color:rgb(144, 173, 157)
}
```

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(144, 173, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 173, 157) }
```

Border

The CSS property to change the border of an element to RYB 144, 164, 173 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(144, 173, 157) }
```

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

```
.border{ border-color:rgb(144, 173, 157) }
```

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

Here you see how a box with a 4 pixel rgb(144, 173, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 173, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 173, 157); box-shadow:4px 4px 4px 4px rgb(144, 173, 157) }
```

Background

The CSS property to change the background color of an element to RYB 144, 164, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(144, 173, 157) }
```

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

```
.background{ background-color:rgb(144,
173, 157) }
```

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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