

Converting Colors

`RYB(127, 143, 157)`

Have a look what the booklet for
RYB(127, 143, 157) contains.

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Color

R_YB(127, 143, 157)

Conversions

Conversions Part 1

Format	Color
Hex	7F9D99
RGB	127, 157, 153
RGB Percent	50%, 62%, 60%
CMY	0.5020, 0.3843, 0.3990
CMYK	0.19, 0.00, 0.02, 0.38
HSL	172°, 13%, 56%
HSV	172°, 19%, 62%
XYZ	26.5798, 30.9341, 34.8153
YIQ	147.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

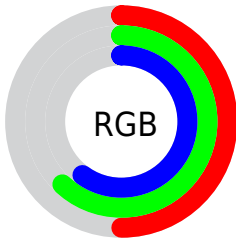
Format	Color
RYB	127, 143, 157
Decimal	8363417
CIELab	62.45, -11.19, -1.50
CIELCh	62, 11.285, 187.640
Yxy	30.9341, 0.2879, 0.3350
Android (android.graphics.Color)	4286553497 (0xFF7F9D99)
YUV	147.5740, 2.6750, -18.0434
Hunter-Lab	55.6185, -12.0280, 1.8193

Details

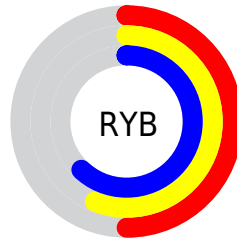
The RYB color **127, 143, 157** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **157, 127, 131**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **180, 197, 212**, and **77, 93, 106** is the 20% darker color. If you saturate the color by 10%, you get **111, 136, 157**, and if you desaturate by 10%, it is **143, 151, 157**.

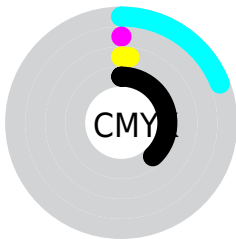
Distribution



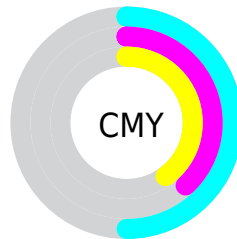
- Red (50%)
- Green (62%)
- Blue (60%)



- Red (50%)
- Yellow (56%)
- Blue (62%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (38%)



- Cyan (50%)
- Magenta (38%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RYB color 127, 143, 157 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 127, 143, 157 by changing the saturation by 10% instead.

 127, 143, 157


255, 255, 255

 180, 197, 212

 208, 225, 240


 236, 246, 255

 127, 143, 157

 102, 118, 131

 77, 93, 106


 54, 68, 81


 31, 45, 58


 9, 24, 37

 0, 9, 16

 0, 0, 0

 127, 143, 157

 111, 136, 157

 127, 143, 157

 143, 151, 157

■ 96, 129, 157

■ 158, 157, 157

■ 80, 121, 157

■ 174, 157, 159

■ 64, 114, 157

■ 190, 157, 161

■ 49, 107, 157

■ 206, 157, 163

■ 33, 99, 157

■ 221, 157, 165

■ 17, 92, 157

■ 237, 157, 167

■ 1, 84, 157

■ 253, 157, 169

■ 0, 84, 157

■ 255, 157, 171

Harmonies

Analogous

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



134, 150, 156



127, 143, 157



126, 143, 163

Triad

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



127, 143, 157



156, 148, 167



166, 161, 133

Complementary

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



127, 143, 157



157, 127, 131

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.



172, 146, 139



127, 143, 157



166, 145, 159

Square

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



127, 143, 157



144, 150, 171



172, 144, 149



139, 157, 131

Rectangle

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



127, 143, 157



129, 145, 168



172, 144, 149



169, 155, 134

Sweetspot

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



127, 143, 157



192, 199, 204



127, 157, 153



95, 99, 102



230, 230, 230



102, 102, 102

Same Dimension

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



127, 143, 157



157, 182, 204



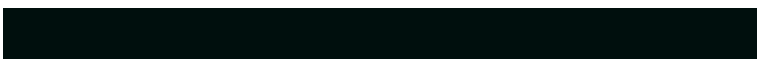
127, 139, 157



71, 75, 79



0, 76, 143



0, 8, 15

Inverse Universe

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



157, 127, 131



204, 157, 163



157, 144, 127



79, 71, 72



143, 0, 18



15, 0, 2

Previews

White Background



This preview shows how the RYB color 127, 143, 157 looks on a white background.

Color Contrast Check

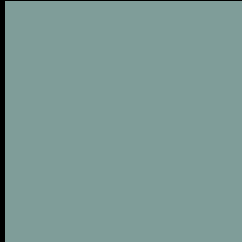
Large Text (above 18pt) WCAG AA × Fail

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 127, 143, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

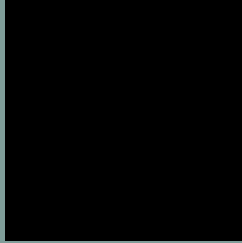
Any Text WCAG AA ✓ Pass

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](#).

R Y B 127, 143, 157 Background



This preview shows how black text looks on a background with the R Y B color 127, 143, 157.

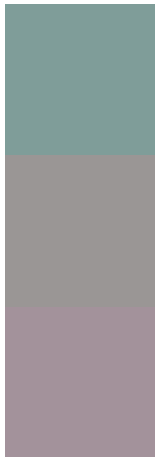


This preview shows how white text looks on a background with the R Y B color 127, 143, 157.

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
127, 143, 157

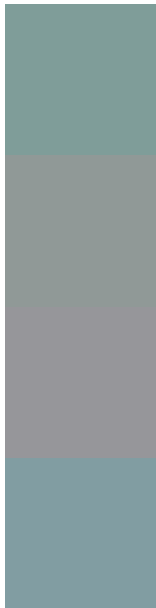
Protanopia
154, 150, 149

Deuteranopia
163, 146, 155



Tritanopia
130, 145, 167

Trichromacy



Original Color

127, 143, 157

Protanomaly

144, 149, 153

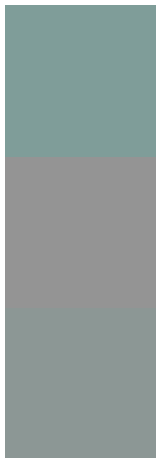
Deuteranomaly

150, 150, 154

Tritanomaly

129, 144, 162

Monochromacy



Original Color

127, 143, 157

Achromatopsia

148, 148, 148

Achromatomaly

140, 146, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 143, 157 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(127, 157, 153)` looks like.

```
.text, #text, p{  
    color:rgb(127, 157, 153)  
}
```

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(127, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 157, 153) }
```

Border

The CSS property to change the border of an element to RYB 127, 143, 157 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(127, 157, 153) }
```

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

```
.border{ border-color:rgb(127, 157, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 157, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 157, 153);  
box-shadow:4px 4px 4px 4px rgb(127, 157,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 127, 143, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 157, 153) }
```

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

```
.background{ background-color: rgb(127,  
157, 153) }
```

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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