

Converting Colors

`RYB(127, 143, 164)`

Have a look what the booklet for
RYB(127, 143, 164) contains.

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Color

R_YB(127, 143, 164)

Conversions

Conversions Part 1

Format	Color
Hex	7F9BA4
RGB	127, 155, 164
RGB Percent	50%, 61%, 64%
CMY	0.5020, 0.3914, 0.3569
CMYK	0.23, 0.05, 0.00, 0.36
HSL	194°, 17%, 57%
HSV	194°, 23%, 64%
XYZ	27.2063, 30.6985, 39.6134
YIQ	147.6540, -19.5770, -3.1370

Conversions

Conversions Part 2

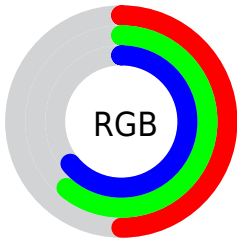
Format	Color
RYB	127, 143, 164
Decimal	8362916
CIELab	62.25, -7.78, -7.86
CIElCh	62, 11.055, 225.306
Yxy	30.6985, 0.2790, 0.3148
Android (android.graphics.Color)	4286552996 (0xFF7F9BA4)
YUV	147.6540, 8.0586, -18.1136
Hunter-Lab	55.4062, -9.3114, -3.6058

Details

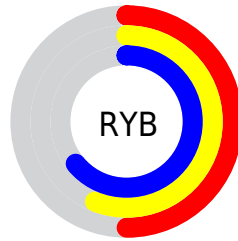
The RYB color **127, 143, 164** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **164, 139, 127**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **180, 197, 219**, and **77, 92, 112** is the 20% darker color. If you saturate the color by 10%, you get **111, 134, 164**, and if you desaturate by 10%, it is **143, 152, 164**.

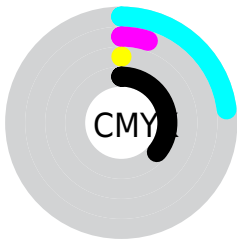
Distribution



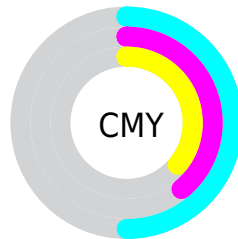
- Red (50%)
- Green (61%)
- Blue (64%)



- Red (50%)
- Yellow (56%)
- Blue (64%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (50%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 143, 164 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, 164 by changing the saturation by 10% instead.

■ 127, 143, 164

255, 255, 255

■ 180, 197, 219

■ 208, 225, 247

■ 237, 246, 255

■ 127, 143, 164

■ 102, 117, 138

■ 77, 92, 112

■ 53, 68, 88

■ 30, 45, 65

■ 7, 23, 43

■ 0, 9, 22

■ 0, 0, 0

■ 127, 143, 164

■ 111, 134, 164

■ 127, 143, 164

■ 143, 152, 164

■ 94, 124, 164

■ 160, 162, 164

■ 78, 115, 164

■ 176, 168, 164

■ 61, 106, 164

■ 193, 173, 164

■ 45, 97, 164

■ 209, 179, 164

■ 29, 87, 164

■ 225, 184, 164

■ 12, 78, 164

■ 242, 189, 164

■ 0, 71, 164

■ 255, 193, 164

■ 255, 200, 164

Harmonies

Analogous

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



126, 141, 156



127, 143, 164



135, 147, 169

Triad

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



127, 143, 164



168, 144, 156



134, 153, 132

Complementary

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



127, 143, 164



164, 139, 127

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.



161, 163, 132



127, 143, 164



172, 144, 146

Square

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



127, 143, 164



158, 146, 164



170, 148, 137



137, 154, 149

Rectangle

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



127, 143, 164



142, 149, 170



170, 148, 137



141, 157, 131

Sweetspot

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



127, 143, 164



199, 206, 214



127, 157, 164



99, 102, 107



235, 235, 235



107, 107, 107

Same Dimension

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



127, 143, 164



156, 181, 214



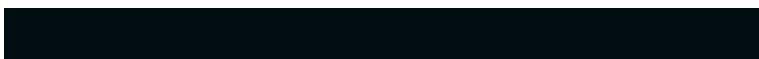
127, 135, 164



73, 77, 82



0, 63, 145



0, 8, 18

Inverse Universe

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



164, 127, 155



214, 156, 200



141, 164, 127



82, 73, 80



145, 0, 111



18, 0, 14

Previews

White Background



This preview shows how the RYB color 127, 143, 164 looks on a white background.

Color Contrast Check

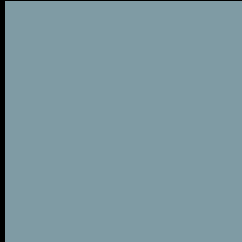
Large Text (above 18pt) WCAG AA × Fail

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, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

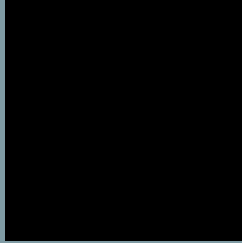
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

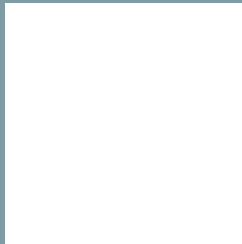
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 127, 143, 164 Background



This preview shows how black text looks on a background with the RYB color 127, 143, 164.



This preview shows how white text looks on a background with the RYB color 127, 143, 164.

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, 164

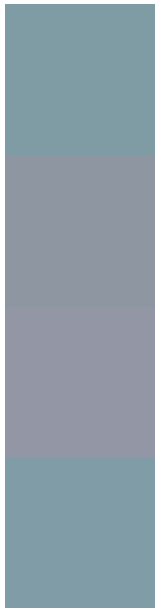
Protanopia
150, 149, 160

Deuteranopia
157, 146, 166



Tritanopia
128, 144, 167

Trichromacy



Original Color

127, 143, 164

Protanomaly

142, 148, 161

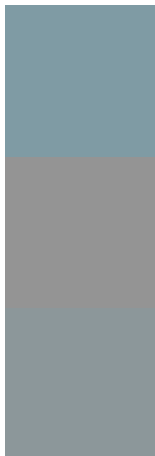
Deuteranomaly

146, 149, 165

Tritanomaly

128, 144, 166

Monochromacy



Original Color

127, 143, 164

Achromatopsia

148, 148, 148

Achromatomaly

140, 146, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 143, 164 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, 155, 164)` looks like.

```
.text, #text, p{  
    color:rgb(127, 155, 164)  
}
```

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, 155, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 155, 164) }
```

Border

The CSS property to change the border of an element to RYB 127, 143, 164 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, 155, 164) }
```

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

```
.border{ border-color:rgb(127, 155, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 155, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 155, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 155, 164);  
box-shadow:4px 4px 4px 4px rgb(127, 155,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 127, 143, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 155, 164) }
```

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

```
.background{ background-color: rgb(127,  
155, 164) }
```

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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