

Converting Colors

`RYB(91, 114, 127)`

Have a look what the booklet for
RYB(91, 114, 127) contains.

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Color

R_YB(91, 114, 127)

Conversions

Conversions Part 1

Format	Color
Hex	5B7F6F
RGB	91, 127, 111
RGB Percent	36%, 50%, 44%
CMY	0.6431, 0.5020, 0.5633
CMYK	0.28, 0.00, 0.12, 0.50
HSL	154°, 17%, 43%
HSV	154°, 28%, 50%
XYZ	14.7922, 18.5583, 17.9420
YIQ	114.4120, -16.3200, -12.6080

Conversions

Conversions Part 2

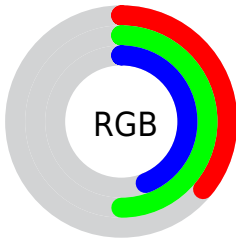
Format	Color
R_{YB}	91, 114, 127
Decimal	5996399
CIE _{Lab}	50.17, -16.25, 4.43
CIE _{LCh}	50, 16.845, 164.746
Yxy	18.5583, 0.2884, 0.3618
Android (android.graphics.Color)	4284186479 (0xFF5B7F6F)
YUV	114.4120, -1.6821, -20.5323
Hunter-Lab	43.0793, -14.0970, 5.4619

Details

The RYB color **91, 114, 127** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **127, 91, 107**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **142, 166, 180**, and **43, 65, 78** is the 20% darker color. If you saturate the color by 10%, you get **78, 109, 127**, and if you desaturate by 10%, it is **104, 119, 127**.

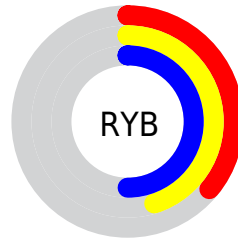
Distribution



Red (36%)

Green (50%)

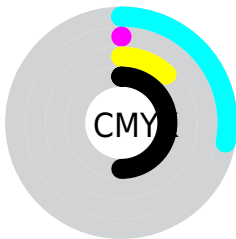
Blue (44%)



Red (36%)

Yellow (45%)

Blue (50%)

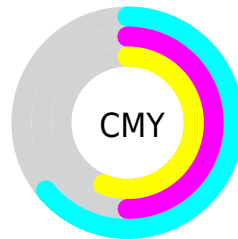


Cyan (28%)

Magenta (0%)

Yellow (12%)

Black (50%)



Cyan (64%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 91, 114, 127 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 91, 114, 127 by changing the saturation by 10% instead.



91, 114, 127



91, 114, 127

255, 255, 255



67, 89, 102



142, 166, 180



43, 65, 78



169, 193, 207



21, 42, 55



196, 222, 236



0, 20, 33



224, 242, 255



0, 1, 1



253, 254, 255



0, 0, 0



91, 114, 127



91, 114, 127



78, 109, 127



104, 119, 127



66, 105, 127



116, 123, 127

■ 53, 100, 127

■ 129, 127, 128

■ 40, 96, 127

■ 142, 127, 133

■ 27, 91, 127

■ 155, 127, 139

■ 15, 87, 127

■ 167, 127, 144

■ 2, 82, 127

■ 180, 127, 150

■ 0, 81, 127

■ 193, 127, 156

■ 205, 127, 161

Harmonies

Analogous

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



99, 125, 117



91, 114, 127



81, 105, 128

Triad

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



91, 114, 127



112, 117, 147



146, 116, 100

Complementary

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



91, 114, 127



127, 91, 107

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.



149, 109, 113



91, 114, 127



130, 113, 140

Square

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



91, 114, 127



93, 112, 147



143, 110, 127



131, 137, 92

Rectangle

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



91, 114, 127



79, 105, 135



143, 110, 127



148, 112, 104

Sweetspot

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



91, 114, 127



151, 161, 166



91, 127, 111



75, 81, 84



212, 212, 212



84, 84, 84

Same Dimension

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



91, 114, 127



109, 146, 166



91, 108, 127



57, 61, 64



0, 82, 128



0, 0, 0

Inverse Universe

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



127, 91, 107



166, 109, 134



127, 93, 91



64, 57, 60



128, 0, 55



0, 0, 0

Previews

White Background



This preview shows how the RYB color 91, 114, 127 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 91, 114, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

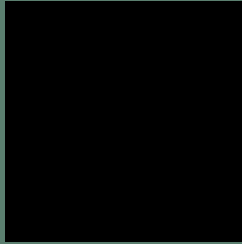
Any Text WCAG AA ✓ Pass

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](#).

R Y B 91, 114, 127 Background



This preview shows how black text looks on a background with the R Y B color 91, 114, 127.

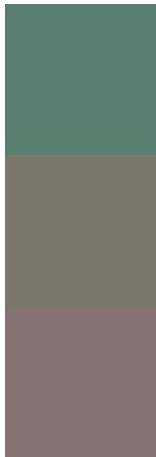


This preview shows how white text looks on a background with the R Y B color 91, 114, 127.

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
[91](#), [114](#), [127](#)

Protanopia
[114](#), [124](#), [107](#)

Deuteranopia
[132](#), [115](#), [114](#)



Tritanopia
96, 112, 134

Trichromacy



Original Color

91, 114, 127

Protanomaly

109, 122, 119

Deuteranomaly

113, 119, 115

Tritanomaly

94, 110, 126

Monochromacy



Original Color

91, 114, 127

Achromatopsia

114, 114, 114

Achromatomaly

106, 114, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 91, 114, 127 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(91, 127, 111)` looks like.

```
.text, #text, p{  
    color:rgb(91, 127, 111)  
}
```

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(91, 127, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 127, 111) }
```

Border

The CSS property to change the border of an element to RYB 91, 114, 127 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(91, 127, 111) }
```

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

```
.border{ border-color:rgb(91, 127, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 127, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 127, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 127, 111);  
box-shadow:4px 4px 4px 4px rgb(91, 127,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 91, 114, 127 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 127, 111) }
```

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

```
.background{ background-color: rgb(91, 127,  
111) }
```

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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