

Converting Colors

`RYB(103, 122, 143)`

Have a look what the booklet for
RYB(103, 122, 143) contains.

RYB(103, 122, 143)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(103, 122, 143)

Conversions

Conversions Part 1

Format	Color
Hex	678B8F
RGB	103, 139, 143
RGB Percent	40%, 55%, 56%
CMY	0.5961, 0.4542, 0.4392
CMYK	0.28, 0.03, 0.00, 0.44
HSL	186°, 16%, 48%
HSV	186°, 28%, 56%
XYZ	19.8117, 23.3872, 29.4566
YIQ	128.6920, -22.7400, -6.3880

Conversions

Conversions Part 2

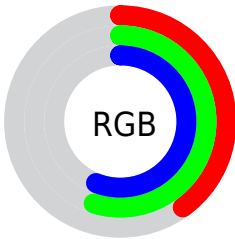
Format	Color
RYB	103, 122, 143
Decimal	6785935
CIELab	55.47, -11.60, -6.13
CIELCh	55, 13.117, 207.856
Yxy	23.3872, 0.2727, 0.3219
Android (android.graphics.Color)	4284976015 (0xFF678B8F)
YUV	128.6920, 7.0538, -22.5319
Hunter-Lab	48.3603, -11.5048, -2.2617

Details

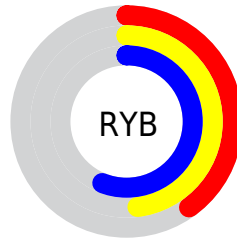
The RYB color **103, 122, 143** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **143, 107, 103**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **155, 175, 197**, and **54, 72, 93** is the 20% darker color. If you saturate the color by 10%, you get **89, 115, 143**, and if you desaturate by 10%, it is **117, 129, 143**.

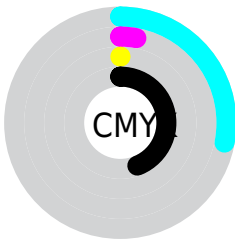
Distribution



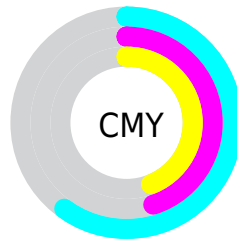
- Red (40%)
- Green (55%)
- Blue (56%)



- Red (40%)
- Yellow (48%)
- Blue (56%)



- Cyan (28%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)



- Cyan (60%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 103, 122, 143 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 103, 122, 143 by changing the saturation by 10% instead.

■ 103, 122, 143

255, 255, 255

■ 155, 175, 197

■ 182, 202, 225

■ 210, 230, 253

■ 239, 247, 255

■ 103, 122, 143

■ 78, 97, 117

■ 54, 72, 93

■ 30, 49, 69

■ 5, 25, 47

■ 0, 12, 26

■ 0, 0, 0

■ 103, 122, 143

■ 89, 115, 143

■ 74, 107, 143

■ 103, 122, 143

■ 117, 129, 143

■ 132, 137, 143

■ 60, 99, 143

■ 146, 143, 143

■ 46, 92, 143

■ 160, 145, 143

■ 32, 85, 143

■ 175, 146, 143

■ 17, 77, 143

■ 189, 147, 143

■ 3, 70, 143

■ 203, 150, 143

■ 0, 68, 143

■ 217, 151, 143

■ 232, 152, 143

Harmonies

Analogous

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



107, 125, 139



103, 122, 143



108, 125, 152

Triad

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



103, 122, 143



147, 127, 145



127, 143, 110

Complementary

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



103, 122, 143



143, 107, 103

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.



152, 136, 114



103, 122, 143



155, 125, 134

Square

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



103, 122, 143



134, 130, 153



157, 126, 123



113, 135, 118

Rectangle

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



103, 122, 143



115, 128, 155



157, 126, 123



140, 146, 111

Sweetspot

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



103, 122, 143



171, 178, 186



103, 140, 143



85, 89, 94



222, 222, 222



94, 94, 94

Same Dimension

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



103, 122, 143



123, 153, 186



103, 115, 143



64, 68, 71



0, 64, 135



0, 4, 8

Inverse Universe

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



143, 103, 139



186, 123, 180



133, 143, 103



71, 64, 71



135, 0, 122



8, 0, 7

Previews

White Background



This preview shows how the RYB color 103, 122, 143 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 103, 122, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

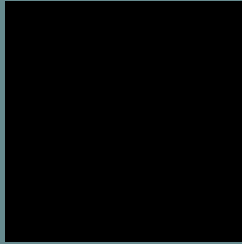
Any Text WCAG AA ✓ Pass

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 103, 122, 143 Background



This preview shows how black text looks on a background with the R Y B color 103, 122, 143.

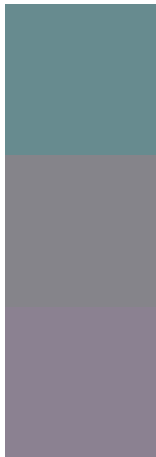


This preview shows how white text looks on a background with the R Y B color 103, 122, 143.

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
103, 122, 143

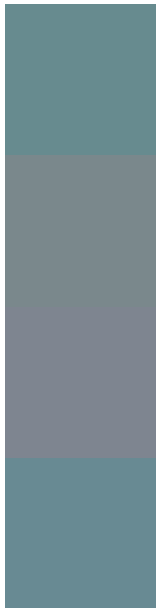
Protanopia
133, 132, 138

Deuteranopia
139, 129, 145



Tritanopia
104, 123, 149

Trichromacy



Original Color
103, 122, 143

Protanomaly
122, 130, 140

Deuteranomaly
126, 131, 144

Tritanomaly
104, 123, 147

Monochromacy



Original Color
103, 122, 143

Achromatopsia
129, 129, 129

Achromatomaly
120, 127, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 103, 122, 143 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(103, 139, 143)` looks like.

```
.text, #text, p{  
    color:rgb(103, 139, 143)  
}
```

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(103, 139, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 139, 143) }
```

Border

The CSS property to change the border of an element to RYB 103, 122, 143 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(103, 139, 143) }
```

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

```
.border{ border-color:rgb(103, 139, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 139, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 139, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 139, 143); box-shadow:4px 4px 4px 4px rgb(103, 139, 143) }
```

Background

The CSS property to change the background color of an element to RYB 103, 122, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 139, 143) }
```

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

```
.background{ background-color: rgb(103,  
139, 143) }
```

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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