

Converting Colors

`RYB(118, 143, 160)`

Have a look what the booklet for
RYB(118, 143, 160) contains.

RYB(118, 143, 160)	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}(118, 143, 160)

Conversions

Conversions Part 1

Format	Color
Hex	76A093
RGB	118, 160, 147
RGB Percent	46%, 63%, 58%
CMY	0.5373, 0.3725, 0.4253
CMYK	0.26, 0.00, 0.08, 0.37
HSL	161°, 18%, 55%
HSV	161°, 26%, 63%
XYZ	25.2740, 31.0860, 32.0912
YIQ	145.9600, -20.8590, -12.9470

Conversions

Conversions Part 2

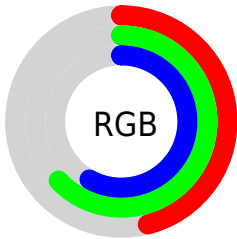
Format	Color
RYB	118, 143, 160
Decimal	7774355
CIELab	62.58, -17.18, 2.38
CIELCh	63, 17.347, 172.098
Yxy	31.0860, 0.2857, 0.3514
Android (android.graphics.Color)	4285964435 (0xFF76A093)
YUV	145.9600, 0.5127, -24.5209
Hunter-Lab	55.7548, -16.6557, 4.9024

Details

The RYB color **118, 143, 160** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **160, 118, 131**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **171, 197, 215**, and **68, 91, 108** is the 20% darker color. If you saturate the color by 10%, you get **102, 137, 160**, and if you desaturate by 10%, it is **134, 149, 160**.

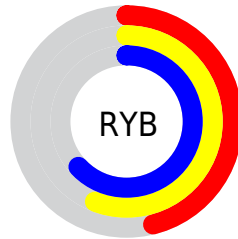
Distribution



Red (46%)

Green (63%)

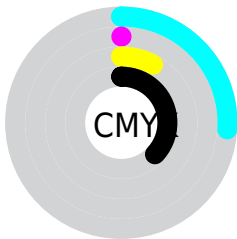
Blue (58%)



Red (46%)

Yellow (56%)

Blue (63%)

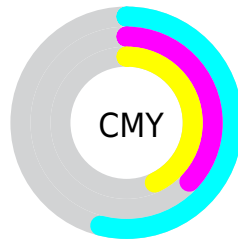


Cyan (26%)

Magenta (0%)

Yellow (8%)

Black (37%)



Cyan (54%)

Magenta (37%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the RYB color 118, 143, 160 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 118, 143, 160 by changing the saturation by 10% instead.

 118, 143, 160


255, 255, 255

 171, 198, 215


 199, 225, 243

 227, 241, 255

 118, 143, 160


 93, 117, 134

 68, 92, 108

 44, 68, 84


 20, 44, 61

 0, 22, 39


 0, 14, 17


 0, 0, 0

 118, 143, 160


 102, 137, 160

 118, 143, 160


 134, 149, 160


 86, 130, 160


 150, 156, 160


 70, 124, 160


 166, 160, 162


 54, 117, 160

 182, 160, 167


 38, 111, 160


 198, 160, 172

 22, 104, 160

 214, 160, 177

 6, 98, 160

 230, 160, 182

 0, 95, 160

 246, 160, 188

 255, 160, 193

Harmonies

Analogous

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



132, 158, 157



118, 143, 160



110, 135, 162

Triad

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



118, 143, 160



149, 149, 180



179, 151, 128

Complementary

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



118, 143, 160



160, 118, 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.



184, 141, 140



118, 143, 160



167, 144, 170

Square

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



118, 143, 160



129, 146, 181



180, 141, 156



151, 167, 121

Rectangle

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



118, 143, 160



111, 138, 171



180, 141, 156



181, 147, 131

Sweetspot

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



118, 143, 160



192, 202, 209



118, 160, 146



94, 101, 105



232, 232, 232



105, 105, 105

Same Dimension

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



118, 143, 160



142, 182, 209



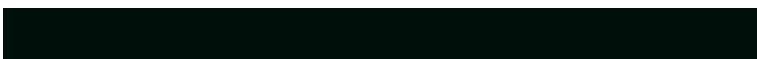
118, 137, 160



71, 76, 79



0, 85, 143



0, 9, 15

Inverse Universe

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



160, 118, 131



209, 142, 164



160, 126, 118



79, 71, 74



143, 0, 46



15, 0, 5

Previews

White Background



This preview shows how the RYB color 118, 143, 160 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 118, 143, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

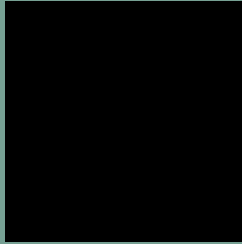
Any Text WCAG AA ✓ Pass

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 118, 143, 160 Background



This preview shows how black text looks on a background with the RYB color 118, 143, 160.




This preview shows how white text looks on a background with the RYB color 118, 143, 160.

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





Tritanopia
123, 143, 169

Trichromacy



Original Color

118, 143, 160

Protanomaly

142, 153, 154

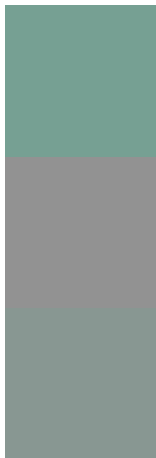
Deuteranomaly

148, 151, 150

Tritanomaly

121, 140, 161

Monochromacy



Original Color

118, 143, 160

Achromatopsia

146, 146, 146

Achromatomaly

136, 145, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 143, 160 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(118, 160, 147)` looks like.

```
.text, #text, p{  
    color:rgb(118, 160, 147)  
}
```

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(118, 160, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 160, 147) }
```

Border

The CSS property to change the border of an element to RYB 118, 143, 160 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(118, 160, 147) }
```

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

```
.border{ border-color:rgb(118, 160, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 160, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 160, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 160, 147);  
box-shadow:4px 4px 4px 4px rgb(118, 160,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 118, 143, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 160, 147) }
```

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

```
.background{ background-color: rgb(118,  
160, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor