

Converting Colors

`RYB(79, 118, 140)`

Have a look what the booklet for
RYB(79, 118, 140) contains.

RYB(79, 118, 140)	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(79, 118, 140)

Conversions

Conversions Part 1

Format	Color
Hex	4F8C71
RGB	79, 140, 113
RGB Percent	31%, 55%, 44%
CMY	0.6902, 0.4510, 0.5553
CMYK	0.44, 0.00, 0.19, 0.45
HSL	154°, 28%, 43%
HSV	154°, 44%, 55%
XYZ	15.6063, 21.6199, 19.0947
YIQ	118.6830, -27.6890, -21.3290

Conversions

Conversions Part 2

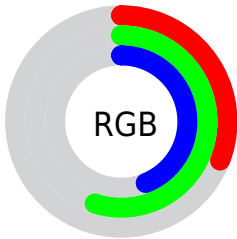
Format	Color
RYB	79, 118, 140
Decimal	5213297
CIELab	53.62, -26.30, 8.09
CIELCh	54, 27.514, 162.902
Yxy	21.6199, 0.2771, 0.3839
Android (android.graphics.Color)	4283403377 (0xFF4F8C71)
YUV	118.6830, -2.8017, -34.8020
Hunter-Lab	46.4973, -21.4585, 8.1999

Details

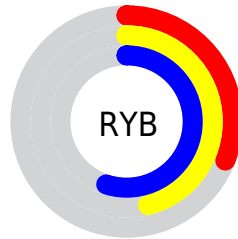
The RYB color **79, 118, 140** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **140, 79, 106**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **131, 172, 194**, and **27, 65, 89** is the 20% darker color. If you saturate the color by 10%, you get **65, 113, 140**, and if you desaturate by 10%, it is **93, 123, 140**.

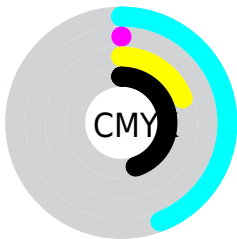
Distribution



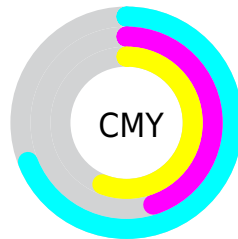
- Red (31%)
- Green (55%)
- Blue (44%)



- Red (31%)
- Yellow (46%)
- Blue (55%)



- Cyan (44%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)


















- Cyan (69%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 118, 140 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 79, 118, 140 by changing the saturation by 10% instead.

 79, 118, 140	 79, 118, 140
 255, 255, 255	 53, 91, 114
 131, 172, 194	 27, 65, 89
 158, 200, 222	 0, 40, 66
 186, 229, 251	 0, 28, 43
 214, 236, 255	 0, 21, 21
 243, 249, 255	 0, 0, 0

 79, 118, 140	 79, 118, 140
 65, 113, 140	 93, 123, 140
 51, 108, 140	 107, 128, 140

■ 37, 103, 140

■ 121, 133, 140

■ 23, 98, 140

■ 135, 138, 140

■ 9, 93, 140

■ 149, 140, 144

■ 0, 89, 140

■ 163, 140, 150

■ 177, 140, 156

■ 191, 140, 162

■ 205, 140, 168

Harmonies

Analogous

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



93, 136, 121



79, 118, 140



52, 97, 141

Triad

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



79, 118, 140



111, 124, 174



171, 119, 97

Complementary

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



79, 118, 140



140, 79, 106

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.



175, 110, 119



79, 118, 140



144, 118, 163

Square

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



79, 118, 140



74, 111, 173



166, 112, 143



147, 156, 83

Rectangle

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



79, 118, 140



43, 95, 153



166, 112, 143



174, 113, 104

Sweetspot

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



79, 118, 140



158, 173, 181



79, 140, 113



77, 87, 92



219, 219, 219



92, 92, 92

Same Dimension

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



79, 118, 140



87, 147, 181



79, 109, 140



62, 66, 69



0, 85, 133



0, 3, 5

Inverse Universe

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



140, 79, 106



181, 87, 128



140, 82, 79



69, 62, 65



133, 0, 58



5, 0, 2

Previews

White Background



This preview shows how the RYB color 79, 118, 140 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 79, 118, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

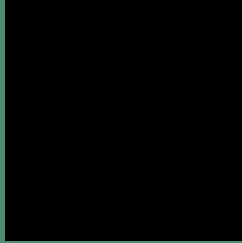
Any Text WCAG AA ✓ Pass

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](#).

RYB 79, 118, 140 Background



This preview shows how black text looks on a background with the RYB color 79, 118, 140.

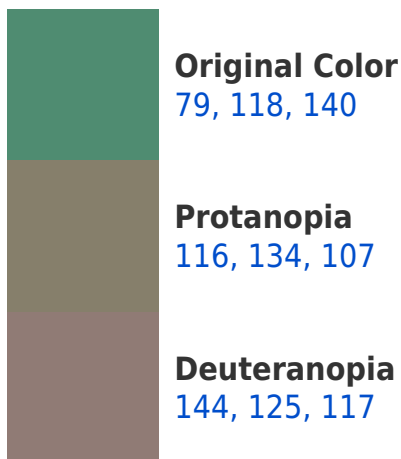


This preview shows how white text looks on a background with the RYB color 79, 118, 140.

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

87, 113, 146

Trichromacy



Original Color

79, 118, 140

Protanomaly

109, 132, 127

Deuteranomaly

116, 129, 125

Tritanomaly

84, 111, 137

Monochromacy



Original Color

79, 118, 140

Achromatopsia

119, 119, 119

Achromatomaly

104, 119, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 118, 140 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(79, 140, 113)` looks like.

```
.text, #text, p{  
    color:rgb(79, 140, 113)  
}
```

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(79, 140, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 140, 113) }
```

Border

The CSS property to change the border of an element to RYB 79, 118, 140 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(79, 140, 113) }
```

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

```
.border{ border-color:rgb(79, 140, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 140, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 140, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 140, 113);  
box-shadow:4px 4px 4px 4px rgb(79, 140,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 79, 140, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 140, 113) }
```

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

```
.background{ background-color: rgb(79, 140,  
113) }
```

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