

Converting Colors

`RYB(79, 147, 168)`

Have a look what the booklet for
RYB(79, 147, 168) contains.

RYB(79, 147, 168)	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, 147, 168)

Conversions

Conversions Part 1

Format	Color
Hex	4FA86A
RGB	79, 168, 106
RGB Percent	31%, 66%, 42%
CMY	0.6902, 0.3412, 0.5824
CMYK	0.53, 0.00, 0.37, 0.34
HSL	139°, 36%, 48%
HSV	139°, 53%, 66%
XYZ	19.8539, 30.7183, 18.6512
YIQ	134.3210, -33.1420, -38.1500

Conversions

Conversions Part 2

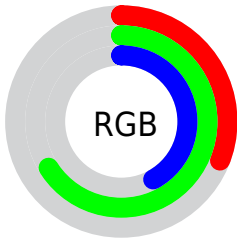
Format	Color
RYB	79, 147, 168
Decimal	5220458
CIELab	62.27, -40.70, 23.87
CIELCh	62, 47.183, 149.604
Yxy	30.7183, 0.2868, 0.4438
Android (android.graphics.Color)	4283410538 (0xFF4FA86A)
YUV	134.3210, -13.9623, -48.5165
Hunter-Lab	55.4241, -33.0501, 18.8447

Details

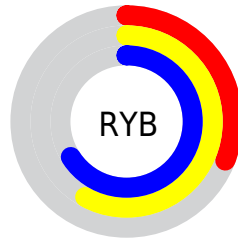
The RYB color **79, 147, 168** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **168, 79, 141**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **134, 205, 224**, and **14, 84, 115** is the 20% darker color. If you saturate the color by 10%, you get **62, 143, 168**, and if you desaturate by 10%, it is **96, 151, 168**.

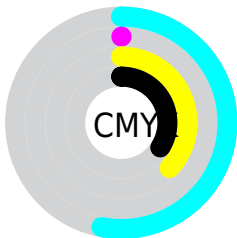
Distribution



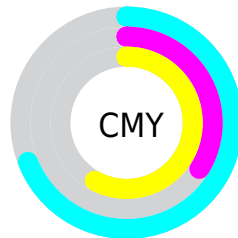
- Red (31%)
- Green (66%)
- Blue (42%)



- Red (31%)
- Yellow (58%)
- Blue (66%)



- Cyan (53%)
- Magenta (0%)
- Yellow (37%)
- Black (34%)



- Cyan (69%)
- Magenta (34%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 147, 168 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, 147, 168 by changing the saturation by 10% instead.



79, 147, 168



79, 147, 168

255, 255, 255



50, 117, 141



134, 205, 224



14, 84, 115



162, 235, 253



0, 64, 90



191, 239, 255



0, 53, 65



219, 241, 255



0, 43, 43



249, 252, 255



0, 15, 15



0, 0, 0



79, 147, 168



79, 147, 168



62, 143, 168



96, 151, 168

■ 45, 139, 168

■ 113, 155, 168

■ 29, 135, 168

■ 129, 159, 168

■ 12, 131, 168

■ 146, 163, 168

■ 0, 128, 168

■ 163, 167, 168

■ 180, 168, 176

■ 197, 168, 188

■ 213, 168, 199

■ 230, 168, 211

Harmonies

Analogous

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



75, 160, 102



79, 147, 168



0, 92, 172

Triad

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



79, 147, 168



70, 126, 234



227, 120, 111

Complementary

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



79, 147, 168



168, 79, 141

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.



226, 115, 153



79, 147, 168



152, 140, 223

Square

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



79, 147, 168



0, 95, 222



202, 124, 194



208, 172, 79

Rectangle

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



79, 147, 168



0, 87, 177



202, 124, 194



229, 116, 125

Sweetspot

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



79, 147, 168



184, 211, 219



79, 168, 106



89, 105, 110



237, 237, 237



110, 110, 110

Same Dimension

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



79, 147, 168



79, 186, 219



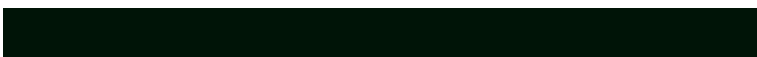
79, 129, 168



76, 82, 84



0, 113, 148



0, 15, 20

Inverse Universe

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



168, 79, 141



219, 79, 176



168, 79, 97



84, 76, 82



148, 0, 102



20, 0, 14

Previews

White Background



This preview shows how the RYB color 79, 147, 168 looks on a white background.

Color Contrast Check

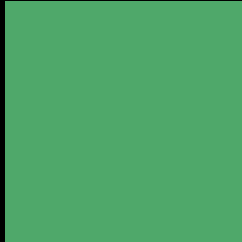
Large Text (above 18pt) WCAG AA × Fail

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 79, 147, 168 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](#).

RGB 79, 147, 168 Background



This preview shows how black text looks on a background with the RGB color 79, 147, 168.



This preview shows how white text looks on a background with the RGB color 79, 147, 168.

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
79, 147, 168

Protanopia
114, 162, 99

Deuteranopia
176, 172, 112



Tritanopia
96, 131, 173

Trichromacy



Original Color

79, 147, 168



Protanomaly

102, 157, 127



Deuteranomaly

110, 152, 121



Tritanomaly

90, 130, 163

Monochromacy



Original Color

79, 147, 168



Achromatopsia

134, 134, 134



Achromatomaly

114, 138, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 147, 168 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, 168, 106)` looks like.

```
.text, #text, p{  
    color:rgb(79, 168, 106)  
}
```

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, 168, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 168, 106) }
```

Border

The CSS property to change the border of an element to RYB 79, 147, 168 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, 168, 106) }
```

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

```
.border{ border-color:rgb(79, 168, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 168, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 168, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 168, 106);  
box-shadow:4px 4px 4px 4px rgb(79, 168,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 79, 147, 168 is called "background".

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

```
.background, #background, body{  
background: rgb(79, 168, 106) }
```

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

```
.background{ background-color: rgb(79, 168,  
106) }
```

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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