

Converting Colors

`RYB(79, 168, 123)`

Have a look what the booklet for
RYB(79, 168, 123) contains.

RYB(79, 168, 123)	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

`RYB(79, 168, 123)`

Conversions

Conversions Part 1

Format	Color
Hex	7CA84F
RGB	124, 168, 79
RGB Percent	49%, 66%, 31%
CMY	0.5137, 0.3412, 0.6902
CMYK	0.26, 0.00, 0.53, 0.34
HSL	90°, 36%, 48%
HSV	90°, 53%, 66%
XYZ	23.7261, 32.8549, 12.4883
YIQ	144.6980, 2.3450, -37.0070

Conversions

Conversions Part 2

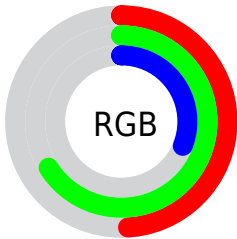
Format	Color
RYB	79, 168, 123
Decimal	8169551
CIELab	64.04, -30.19, 40.83
CIElCh	64, 50.782, 126.479
Yxy	32.8549, 0.3435, 0.4757
Android (android.graphics.Color)	4286359631 (0xFF7CA84F)
YUV	144.6980, -32.3891, -18.1521
Hunter-Lab	57.3192, -26.4221, 27.2058

Details

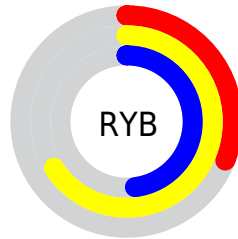
The RYB color **79, 168, 123** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **123, 79, 168**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **130, 223, 174**, and **29, 116, 73** is the 20% darker color. If you saturate the color by 10%, you get **62, 168, 114**, and if you desaturate by 10%, it is **96, 168, 132**.

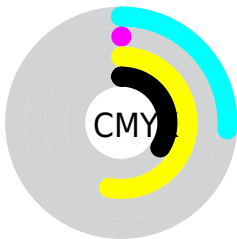
Distribution



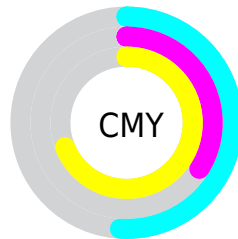
- Red (49%)
- Green (66%)
- Blue (31%)



- Red (31%)
- Yellow (66%)
- Blue (48%)



- Cyan (26%)
- Magenta (0%)
- Yellow (53%)
- Black (34%)






















- Cyan (51%)
- Magenta (34%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the RYB color 79, 168, 123 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, 168, 123 by changing the saturation by 10% instead.

 79, 168, 123	 79, 168, 123
 255, 255, 255	 54, 141, 97
 130, 223, 174	 29, 116, 73
 157, 252, 202	 0, 91, 45
 185, 255, 204	 0, 67, 46
 213, 255, 213	 0, 44, 44
 241, 255, 241	 0, 23, 23
	 0, 0, 0


 79, 168, 123	 79, 168, 123
 62, 168, 114	 96, 168, 132


 45, 168, 106


 113, 168, 140

 29, 168, 98

 129, 168, 148

 12, 168, 89


 146, 168, 157

 0, 168, 83

 163, 168, 165

 174, 168, 180

 182, 168, 197

 190, 168, 213

 199, 168, 230

Harmonies

Analogous

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



80, 172, 61



79, 168, 123



56, 135, 175

Triad

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



79, 168, 123



0, 99, 238



239, 116, 147

Complementary

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



79, 168, 123



123, 79, 168

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.



219, 123, 192



79, 168, 123



91, 137, 245

Square

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



79, 168, 123



0, 95, 208



171, 139, 228



234, 128, 104

Rectangle

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



79, 168, 123



0, 96, 177



171, 139, 228



235, 116, 162

Sweetspot

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



79, 168, 123



184, 219, 201



168, 162, 79



89, 110, 100



237, 237, 237



110, 110, 110

Same Dimension

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



79, 168, 123



79, 219, 148



79, 168, 167



76, 84, 80



0, 148, 73



0, 20, 10

Inverse Universe

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



123, 79, 168



148, 79, 219



167, 79, 168



80, 76, 84



73, 0, 148



10, 0, 20

Previews

White Background



This preview shows how the RYB color 79, 168, 123 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, 168, 123 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](#).

R Y B 79, 168, 123 Background



This preview shows how black text looks on a background with the R Y B color 79, 168, 123.



This preview shows how white text looks on a background with the R Y B color 79, 168, 123.

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, 168, 123

Protanopia
94, 171, 75

Deuteranopia
154, 189, 84



Tritanopia
137, 150, 171

Trichromacy



Original Color

79, 168, 123

Protanomaly

76, 160, 82

Deuteranomaly

93, 165, 82

Tritanomaly

132, 157, 162

Monochromacy



Original Color

79, 168, 123

Achromatopsia

145, 145, 145

Achromatomaly

121, 153, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 168, 123 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(124, 168, 79)` looks like.

```
.text, #text, p{  
    color:rgb(124, 168, 79)  
}
```

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(124, 168, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 168, 79) }
```

Border

The CSS property to change the border of an element to RYB 79, 168, 123 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(124, 168, 79) }
```

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

```
.border{ border-color:rgb(124, 168, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 168, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 168, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 168, 79);  
box-shadow:4px 4px 4px 4px rgb(124, 168,  
79) }
```

Background

The CSS property to change the background color of an element to RGB 79, 168, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 168, 79) }
```

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

```
.background{ background-color: rgb(124,  
168, 79) }
```

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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