

Converting Colors

`RYB(123, 149, 174)`

Have a look what the booklet for
RYB(123, 149, 174) contains.

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Color

R_YB(123, 149, 174)

Conversions

Conversions Part 1

Format	Color
Hex	7BAEAC
RGB	123, 174, 172
RGB Percent	48%, 68%, 67%
CMY	0.5176, 0.3176, 0.3253
CMYK	0.29, 0.00, 0.01, 0.32
HSL	178°, 24%, 58%
HSV	178°, 29%, 68%
XYZ	30.7545, 37.4631, 44.6593
YIQ	158.5230, -29.7540, -11.4340

Conversions

Conversions Part 2

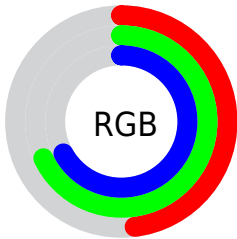
Format	Color
RYB	123, 149, 174
Decimal	8105644
CIELab	67.62, -17.18, -4.42
CIELCh	68, 17.741, 194.429
Yxy	37.4631, 0.2725, 0.3319
Android (android.graphics.Color)	4286295724 (0xFF7BAEAC)
YUV	158.5230, 6.6442, -31.1537
Hunter-Lab	61.2071, -17.4222, -0.4155

Details

The RYB color **123, 149, 174** is a light color, and the websafe version is hex **669999**. A complement of this color would be **174, 123, 125**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **177, 204, 230**, and **72, 97, 121** is the 20% darker color. If you saturate the color by 10%, you get **106, 141, 174**, and if you desaturate by 10%, it is **140, 157, 174**.

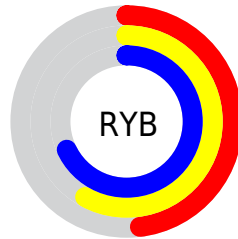
Distribution



Red (48%)

Green (68%)

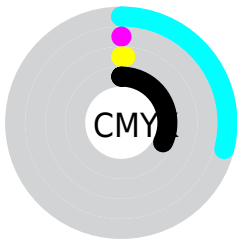
Blue (67%)



Red (48%)

Yellow (58%)

Blue (68%)

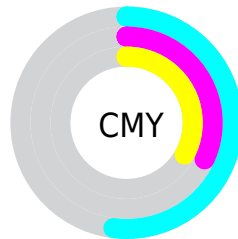


Cyan (29%)

Magenta (0%)

Yellow (1%)

Black (32%)



Cyan (52%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 149, 174 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 123, 149, 174 by changing the saturation by 10% instead.

 123, 149, 174


255, 255, 255

 177, 204, 230


 205, 230, 255

 234, 245, 255

 123, 149, 174

 97, 122, 147

 72, 97, 121

 46, 72, 97

 20, 47, 73

 0, 25, 50

 0, 16, 30

 0, 0, 1

 0, 0, 0

 123, 149, 174

 123, 149, 174

■ 106, 141, 174

■ 140, 157, 174

■ 88, 132, 174

■ 158, 166, 174

■ 71, 124, 174

■ 175, 174, 174

■ 53, 115, 174

■ 193, 174, 175

■ 36, 106, 174

■ 210, 174, 175

■ 19, 98, 174

■ 227, 174, 176

■ 1, 89, 174

■ 245, 174, 177

■ 0, 89, 174

■ 255, 174, 177

■ 255, 174, 178

Harmonies

Analogous

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



134, 159, 173



123, 149, 174



124, 151, 186

Triad

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



123, 149, 174



177, 158, 188



179, 185, 134

Complementary

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



123, 149, 174



174, 123, 125

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.



195, 160, 143



123, 149, 174



192, 154, 174

Square

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



123, 149, 174



157, 162, 195



198, 154, 157



137, 169, 134

Rectangle

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



123, 149, 174



131, 155, 193



198, 154, 157



189, 177, 136

Sweetspot

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



123, 149, 174



207, 217, 227



123, 174, 171



102, 109, 115



242, 242, 242



115, 115, 115

Same Dimension

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



123, 149, 174



148, 188, 227



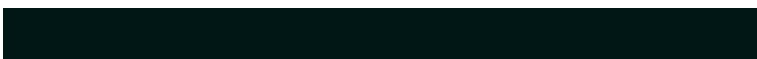
123, 141, 174



78, 83, 87



0, 76, 150



0, 12, 23

Inverse Universe

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



174, 123, 125



227, 148, 151



174, 165, 123



87, 78, 78



150, 0, 6



23, 0, 1

Previews

White Background



This preview shows how the RYB color 123, 149, 174 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 123, 149, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

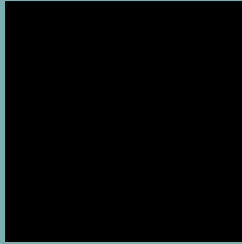
Any Text WCAG AA ✓ Pass

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 123, 149, 174 Background



This preview shows how black text looks on a background with the RYB color 123, 149, 174.

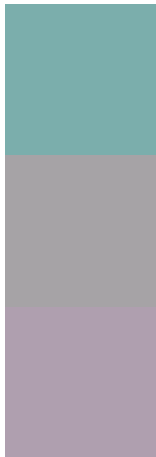


This preview shows how white text looks on a background with the RYB color 123, 149, 174.

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
123, 149, 174

Protanopia
166, 163, 166

Deuteranopia
175, 159, 175



Tritanopia
126, 152, 186

Trichromacy



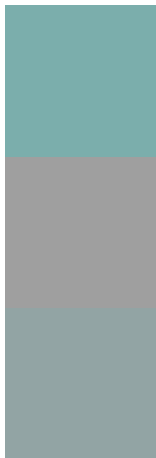
Original Color
123, 149, 174

Protanomaly
150, 159, 168

Deuteranomaly
156, 162, 174

Tritanomaly
125, 151, 181

Monochromacy



Original Color
123, 149, 174

Achromatopsia
159, 159, 159

Achromatomaly
146, 155, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 149, 174 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(123, 174, 172)` looks like.

```
.text, #text, p{  
    color:rgb(123, 174, 172)  
}
```

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(123, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 174, 172) }
```

Border

The CSS property to change the border of an element to RYB 123, 149, 174 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(123, 174, 172) }
```

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

```
.border{ border-color:rgb(123, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(123, 174,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 123, 149, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 174, 172) }
```

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

```
.background{ background-color: rgb(123,  
174, 172) }
```

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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