

Converting Colors

`RYB(124, 149, 174)`

Have a look what the booklet for RYB(124, 149, 174) contains.

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Color

R_YB(124, 149, 174)

Conversions

Conversions Part 1

Format	Color
Hex	7CAEAE
RGB	124, 174, 174
RGB Percent	49%, 68%, 68%
CMY	0.5137, 0.3176, 0.3176
CMYK	0.29, 0.00, 0.00, 0.32
HSL	180°, 24%, 58%
HSV	180°, 29%, 68%
XYZ	31.0882, 37.6132, 45.6659
YIQ	159.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

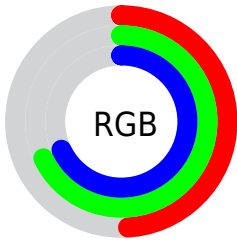
Format	Color
RYB	124, 149, 174
Decimal	8171182
CIELab	67.73, -16.42, -5.34
CIElCh	68, 17.270, 198.000
Yxy	37.6132, 0.2718, 0.3289
Android (android.graphics.Color)	4286361262 (0xFF7CAEAE)
YUV	159.0500, 7.3703, -30.7389
Hunter-Lab	61.3296, -16.8444, -1.2166

Details

The RYB color **124, 149, 174** is a light color, and the websafe version is hex **669999**. A complement of this color would be **174, 124, 124**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **178, 204, 230**, and **73, 97, 122** is the 20% darker color. If you saturate the color by 10%, you get **107, 141, 174**, and if you desaturate by 10%, it is **141, 158, 174**.

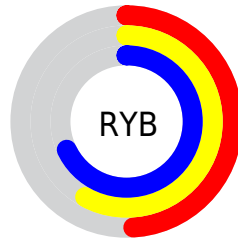
Distribution



Red (49%)

Green (68%)

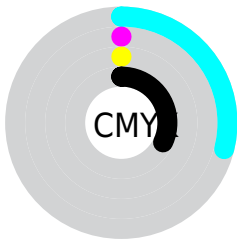
Blue (68%)



Red (49%)

Yellow (58%)

Blue (68%)

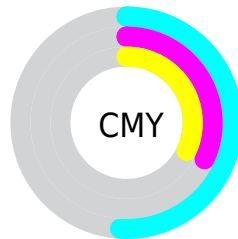


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (51%)


Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 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 124, 149, 174 by changing the saturation by 10% instead.

 124, 149, 174


255, 255, 255

 178, 204, 230

 206, 231, 255


 235, 245, 255

 124, 149, 174


 98, 123, 147

 73, 97, 122

 47, 72, 97


 21, 47, 73


 0, 25, 51


 0, 15, 30


 0, 0, 3


 0, 0, 0


 124, 149, 174


 124, 149, 174

 107, 141, 174


 141, 158, 174

 89, 132, 174


 159, 167, 174


 72, 123, 174

 176, 174, 174

 54, 114, 174

 194, 174, 174

 37, 106, 174

 211, 174, 174

 20, 97, 174

 228, 174, 174

 2, 88, 174

 246, 174, 174

 0, 87, 174

 255, 174, 174

Harmonies

Analogous

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



133, 158, 174



124, 149, 174



126, 152, 188

Triad

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



124, 149, 174



179, 158, 186



172, 183, 135

Complementary

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



124, 149, 174



174, 124, 124

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.



194, 163, 142



124, 149, 174



193, 155, 172

Square

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



124, 149, 174



160, 163, 194



198, 154, 156



135, 167, 135

Rectangle

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



124, 149, 174



134, 156, 193



198, 154, 156



188, 179, 137

Sweetspot

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



124, 149, 174



207, 217, 227



124, 174, 174



102, 109, 115



242, 242, 242



115, 115, 115

Same Dimension

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



124, 149, 174



150, 189, 227



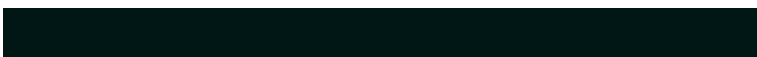
124, 141, 174



78, 83, 87



0, 75, 150



0, 12, 23

Inverse Universe

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



174, 124, 174



227, 150, 227



174, 174, 124



87, 78, 87



150, 0, 150



23, 0, 23

Previews

White Background



This preview shows how the RYB color 124, 149, 174 looks on a white background.

Color Contrast Check

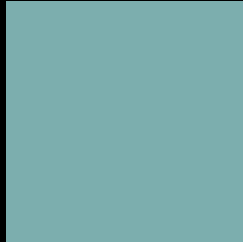
Large Text (above 18pt) WCAG AA × Fail

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 124, 149, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

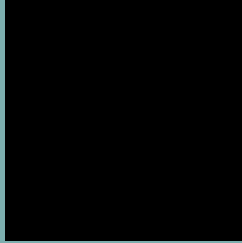
Any Text WCAG AA ✓ Pass

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](#).

R/Y/B 124, 149, 174 Background



This preview shows how black text looks on a background with the R/Y/B color 124, 149, 174.

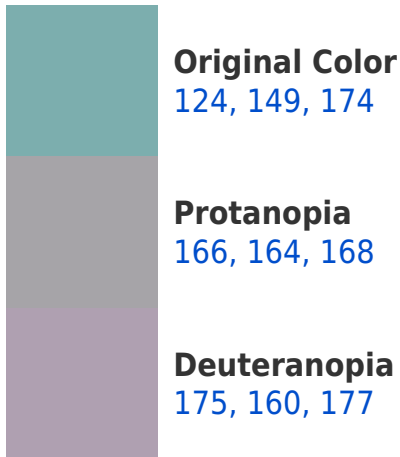


This preview shows how white text looks on a background with the R/Y/B color 124, 149, 174.

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](#).

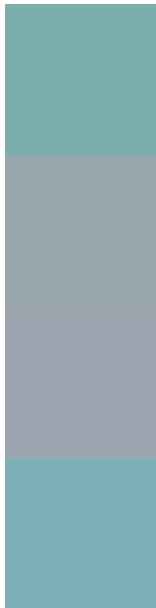
Dichromacy





Tritanopia
127, 153, 186

Trichromacy



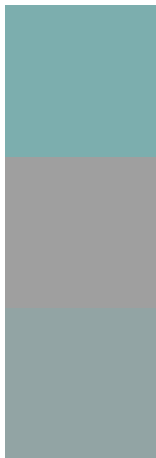
Original Color
124, 149, 174

Protanomaly
151, 160, 170

Deuteranomaly
156, 162, 176

Tritanomaly
126, 152, 182

Monochromacy



Original Color
124, 149, 174

Achromatopsia
159, 159, 159

Achromatomaly
146, 155, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 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(124, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(124, 174, 174)  
}
```

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, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 174, 174) }
```

Border

The CSS property to change the border of an element to RYB 124, 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(124, 174, 174) }
```

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

```
.border{ border-color:rgb(124, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(124, 174,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 124, 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(124, 174, 174) }
```

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

```
.background{ background-color: rgb(124,  
174, 174) }
```

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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