

Converting Colors

`RYB(124, 146, 171)`

Have a look what the booklet for
RYB(124, 146, 171) contains.

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Color

R_YB(124, 146, 171)

Conversions

Conversions Part 1

Format	Color
Hex	7CA5AB
RGB	124, 165, 171
RGB Percent	49%, 65%, 67%
CMY	0.5137, 0.3515, 0.3294
CMYK	0.27, 0.03, 0.00, 0.33
HSL	187°, 22%, 58%
HSV	187°, 27%, 67%
XYZ	29.1830, 34.2657, 43.6039
YIQ	153.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

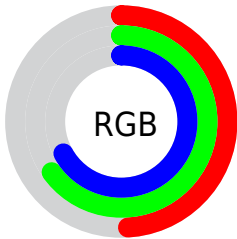
Format	Color
RYB	124, 146, 171
Decimal	8168875
CIELab	65.17, -12.57, -7.47
CIELCh	65, 14.619, 210.706
Yxy	34.2657, 0.2726, 0.3201
Android (android.graphics.Color)	4286358955 (0xFF7CA5AB)
YUV	153.4250, 8.6645, -25.8057
Hunter-Lab	58.5369, -13.4500, -3.1891

Details

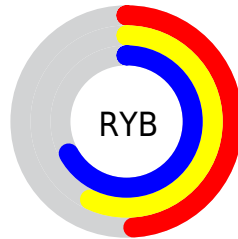
The RYB color **124, 146, 171** is a light color, and the websafe version is hex **669999**. A complement of this color would be **171, 131, 124**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **178, 200, 226**, and **73, 94, 119** is the 20% darker color. If you saturate the color by 10%, you get **107, 137, 171**, and if you desaturate by 10%, it is **141, 155, 171**.

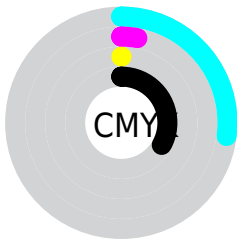
Distribution



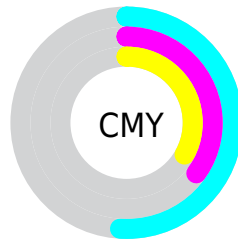
- Red (49%)
- Green (65%)
- Blue (67%)



- Red (49%)
- Yellow (57%)
- Blue (67%)



- Cyan (27%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)




- Cyan (51%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 146, 171 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, 146, 171 by changing the saturation by 10% instead.


 124, 146, 171


255, 255, 255

 178, 200, 226

 206, 229, 255

 234, 245, 255

 124, 146, 171

 98, 120, 145

 73, 94, 119


 49, 70, 94

 24, 46, 71

 0, 23, 48


 0, 13, 27

 0, 0, 0

 124, 146, 171

 107, 137, 171

 124, 146, 171

 141, 155, 171

90, 128, 171

158, 164, 171

73, 119, 171

175, 172, 171

56, 110, 171

192, 175, 171

39, 101, 171

210, 177, 171

21, 91, 171

227, 179, 171

4, 82, 171

244, 181, 171

0, 80, 171

255, 184, 171

255, 186, 171

Harmonies

Analogous

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



128, 149, 166



124, 146, 171



130, 150, 181

Triad

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



124, 146, 171



176, 151, 171



148, 168, 132

Complementary

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



124, 146, 171



171, 131, 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.



180, 164, 136



124, 146, 171



184, 149, 158

Square

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



124, 146, 171



161, 155, 181



186, 151, 145



136, 161, 143

Rectangle

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



124, 146, 171



139, 154, 184



186, 151, 145



163, 173, 133

Sweetspot

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



124, 146, 171



204, 212, 222



124, 166, 171



101, 106, 112



240, 240, 240



112, 112, 112

Same Dimension

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



124, 146, 171



149, 183, 222



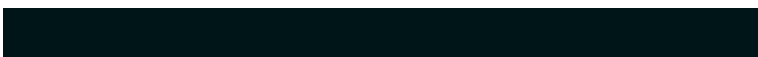
124, 137, 171



78, 82, 87



0, 70, 150



0, 11, 23

Inverse Universe

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



171, 124, 165



222, 149, 213



153, 171, 124



87, 78, 86



150, 0, 132



23, 0, 20

Previews

White Background



This preview shows how the RYB color 124, 146, 171 looks on a white background.

Color Contrast Check

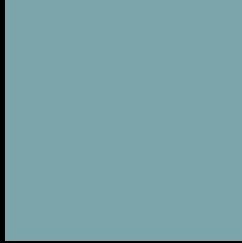
Large Text (above 18pt) WCAG AA × Fail

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, 146, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

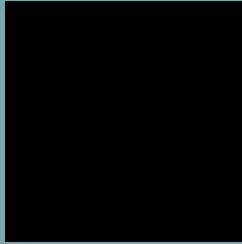
Any Text WCAG AA ✓ Pass

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 124, 146, 171 Background



This preview shows how black text looks on a background with the RYB color 124, 146, 171.



This preview shows how white text looks on a background with the RYB color 124, 146, 171.

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
125, 147, 178

Trichromacy



Original Color

124, 146, 171

Protanomaly

146, 155, 168

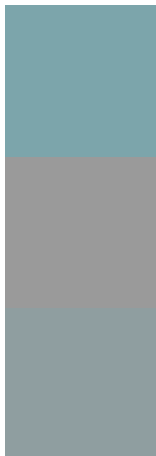
Deuteranomaly

151, 156, 172

Tritanomaly

125, 147, 175

Monochromacy



Original Color

124, 146, 171

Achromatopsia

154, 154, 154

Achromatomaly

143, 151, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 146, 171 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, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(124, 165, 171)  
}
```

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, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 165, 171) }
```

Border

The CSS property to change the border of an element to RYB 124, 146, 171 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, 165, 171) }
```

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

```
.border{ border-color:rgb(124, 165, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(124, 165,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 124, 146, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 165, 171) }
```

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

```
.background{ background-color: rgb(124,  
165, 171) }
```

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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