

Converting Colors

`RYB(129, 154, 181)`

Have a look what the booklet for RYB(129, 154, 181) contains.

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Color

R_YB(129, 154, 181)

Conversions

Conversions Part 1

Format	Color
Hex	81B1B5
RGB	129, 177, 181
RGB Percent	51%, 69%, 71%
CMY	0.4941, 0.3053, 0.2902
CMYK	0.29, 0.02, 0.00, 0.29
HSL	184°, 26%, 61%
HSV	184°, 29%, 71%
XYZ	33.1452, 39.5062, 49.5946
YIQ	163.1040, -29.8920, -8.9320

Conversions

Conversions Part 2

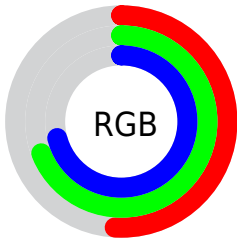
Format	Color
R _Y B	129, 154, 181
Decimal	8499637
CIE Lab	69.12, -14.94, -7.13
CIE LCh	69, 16.558, 205.505
Yxy	39.5062, 0.2711, 0.3232
Android (android.graphics.Color)	4286689717 (0xFF81B1B5)
YUV	163.1040, 8.8227, -29.9092
Hunter-Lab	62.8539, -15.8648, -2.7847

Details

The RYB color **129, 154, 181** is a light color, and the websafe version is hex **669999**. A complement of this color would be **181, 133, 129**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **183, 209, 237**, and **77, 101, 128** is the 20% darker color. If you saturate the color by 10%, you get **111, 145, 181**, and if you desaturate by 10%, it is **147, 163, 181**.

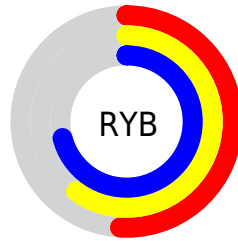
Distribution



Red (51%)

Green (69%)

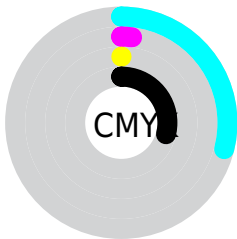
Blue (71%)



Red (51%)

Yellow (60%)

Blue (71%)

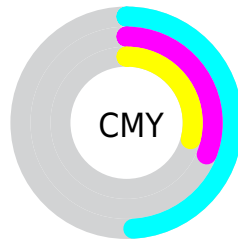


Cyan (29%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (49%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 154, 181 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 129, 154, 181 by changing the saturation by 10% instead.

 129, 154, 181

255, 255, 255


 183, 209, 237

 211, 233, 255

 240, 248, 255

 129, 154, 181


 103, 127, 154

 77, 101, 128

 52, 76, 103

 26, 51, 79

 0, 27, 56

 0, 16, 35

 0, 1, 13

 0, 0, 0

 129, 154, 181

 129, 154, 181

■ 111, 145, 181

■ 147, 163, 181

■ 93, 135, 181

■ 165, 173, 181

■ 75, 126, 181

■ 183, 181, 181

■ 57, 117, 181

■ 201, 183, 181

■ 39, 107, 181

■ 219, 184, 181

■ 20, 97, 181

■ 238, 185, 181

■ 2, 88, 181

■ 255, 188, 181

■ 0, 87, 181

■ 255, 189, 181

■ 255, 190, 181

Harmonies

Analogous

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



135, 159, 177



129, 154, 181



134, 158, 193

Triad

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



129, 154, 181



186, 161, 186



164, 183, 139

Complementary

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



129, 154, 181



181, 133, 129

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, 171, 145



129, 154, 181



197, 158, 172

Square

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



129, 154, 181



169, 166, 196



200, 159, 156



142, 172, 147

Rectangle

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



129, 154, 181



143, 162, 197



200, 159, 156



181, 187, 140

Sweetspot

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



129, 154, 181



213, 223, 235



129, 178, 181



104, 110, 117



245, 245, 245



117, 117, 117

Same Dimension

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



129, 154, 181



155, 193, 235



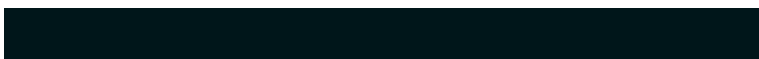
129, 145, 181



80, 85, 89



0, 74, 153



0, 12, 26

Inverse Universe

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



181, 129, 177



235, 155, 229



170, 181, 129



89, 80, 89



153, 0, 142



26, 0, 24

Previews

White Background



This preview shows how the RYB color 129, 154, 181 looks on a white background.

Color Contrast Check

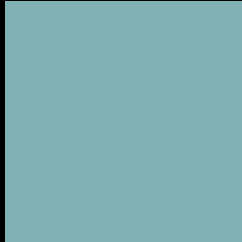
Large Text (above 18pt) WCAG AA × Fail

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 129, 154, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

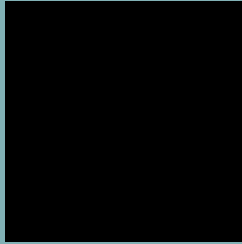
Any Text WCAG AA ✓ Pass

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 129, 154, 181 Background



This preview shows how black text looks on a background with the RYB color 129, 154, 181.

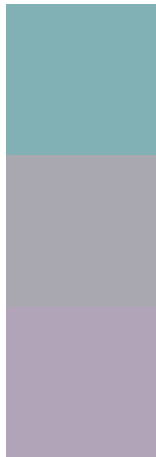


This preview shows how white text looks on a background with the RYB color 129, 154, 181.

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
129, 154, 181

Protanopia
169, 167, 175

Deuteranopia
177, 163, 184



Tritanopia
131, 157, 190

Trichromacy



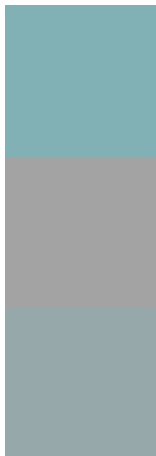
Original Color
129, 154, 181

Protanomaly
154, 164, 177

Deuteranomaly
160, 166, 183

Tritanomaly
130, 155, 187

Monochromacy



Original Color
129, 154, 181

Achromatopsia
163, 163, 163

Achromatomaly
151, 160, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 154, 181 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(129, 177, 181)` looks like.

```
.text, #text, p{  
    color:rgb(129, 177, 181)  
}
```

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(129, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 177, 181) }
```

Border

The CSS property to change the border of an element to RYB 129, 154, 181 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(129, 177, 181) }
```

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

```
.border{ border-color:rgb(129, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(129, 177,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 129, 154, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 177, 181) }
```

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

```
.background{ background-color: rgb(129,  
177, 181) }
```

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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