

# Converting Colors

`RYB(131, 145, 154)`

Have a look what the booklet for  
RYB(131, 145, 154) contains.

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# Color

**$\text{RYB}(131, 145, 154)$**

# Conversions

## Conversions Part 1

Format	Color
Hex	839A92
RGB	131, 154, 146
RGB Percent	51%, 60%, 57%
CMY	0.4863, 0.3961, 0.4283
CMYK	0.15, 0.00, 0.05, 0.40
HSL	159°, 10%, 56%
HSV	159°, 15%, 60%
XYZ	26.0873, 30.0052, 31.5234
YIQ	146.2110, -11.1400, -7.3640

# Conversions

## Conversions Part 2

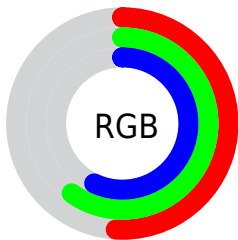
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 145, 154
Decimal	8624786
CIELab	61.66, -9.80, 1.59
CIELCh	62, 9.925, 170.807
Yxy	30.0052, 0.2977, 0.3425
Android (android.graphics.Color)	4286814866 (0xFF839A92)
YUV	146.2110, -0.1040, -13.3400
Hunter-Lab	54.7770, -10.8497, 4.2232

# Details

The RYB color **131, 145, 154** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **154, 131, 139**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **184, 198, 208**, and **81, 94, 103** is the 20% darker color. If you saturate the color by 10%, you get **116, 139, 154**, and if you desaturate by 10%, it is **146, 151, 154**.

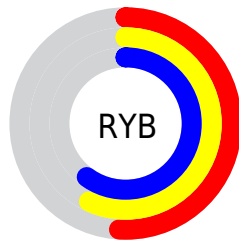
# Distribution



Red (51%)

Green (60%)

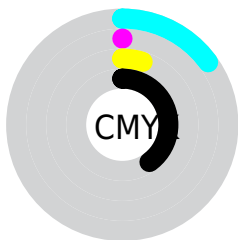
Blue (57%)



Red (51%)

Yellow (57%)

Blue (60%)

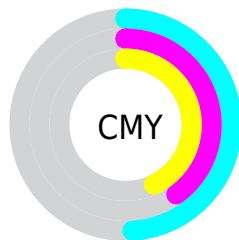


Cyan (15%)

Magenta (0%)

Yellow (5%)

Black (40%)



Cyan (49%)

Magenta (40%)


Yellow (43%)

# Brightness & Saturation Gradients


These gradients show how the RYB color 131, 145, 154 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 131, 145, 154 by changing the saturation by 10% instead.




 131, 145, 154

255, 255, 255


 184, 198, 208


 212, 227, 237

 240, 248, 255

 131, 145, 154

 106, 119, 128

 81, 94, 103

 58, 71, 79

 36, 48, 56


 15, 26, 34

 0, 9, 11

 0, 0, 0

 131, 145, 154

 116, 139, 154

 131, 145, 154

 146, 151, 154

■ 100, 133, 154

■ 162, 154, 157

■ 85, 127, 154

■ 177, 154, 162

■ 69, 121, 154

■ 193, 154, 168

■ 54, 115, 154

■ 208, 154, 173

■ 39, 109, 154

■ 223, 154, 179

■ 23, 103, 154

■ 239, 154, 184

■ 8, 97, 154

■ 254, 154, 190

■ 0, 94, 154

■ 255, 154, 195

# Harmonies

## Analogous

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



138, 153, 152



131, 145, 154



127, 141, 155

# Triad

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



131, 145, 154



147, 148, 165



166, 149, 136

# Complementary

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



131, 145, 154



154, 131, 139

# 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.



168, 143, 143



131, 145, 154



158, 145, 160

# Square

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



131, 145, 154



137, 146, 166



165, 143, 152



154, 159, 132

# Rectangle

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



131, 145, 154



128, 142, 160



165, 143, 152



167, 146, 138



# Sweetspot

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



131, 145, 154



193, 198, 201



131, 154, 146



97, 100, 102



230, 230, 230



102, 102, 102



# Same Dimension

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



131, 145, 154



165, 187, 201



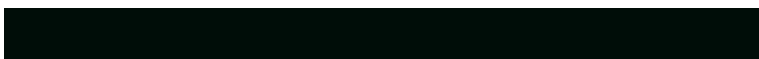
131, 142, 154



69, 74, 77



0, 85, 140



0, 8, 13



# Inverse Universe

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



154, 131, 139



201, 165, 178



154, 134, 131



77, 69, 72



140, 0, 50



13, 0, 5



# Previews

## White Background



This preview shows how the RYB color 131, 145, 154 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 131, 145, 154 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

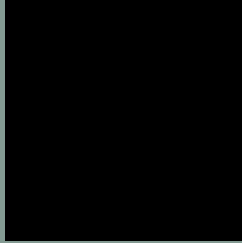
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

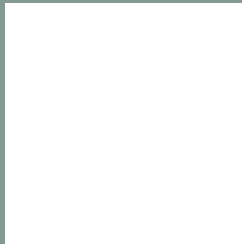
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 131, 145, 154 Background



This preview shows how black text looks on a background with the RYB color 131, 145, 154.



This preview shows how white text looks on a background with the RYB color 131, 145, 154.

# 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**

[131](#), [145](#), [154](#)

**Protanopia**

[151](#), [153](#), [142](#)

**Deuteranopia**

[163](#), [144](#), [148](#)



**Tritanopia**  
134, 145, 163

# Trichromacy



## Original Color

131, 145, 154

## Protanomaly

143, 150, 148

## Deuteranomaly

151, 148, 147

## Tritanomaly

133, 144, 157

# Monochromacy



## Original Color

131, 145, 154

## Achromatopsia

146, 146, 146

## Achromatomaly

141, 146, 149

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 131, 145, 154 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(131, 154, 146)` looks like.

```
.text, #text, p{  
    color:rgb(131, 154, 146)  
}
```

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(131, 154, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 154, 146) }
```

## Border

The CSS property to change the border of an element to RYB 131, 145, 154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

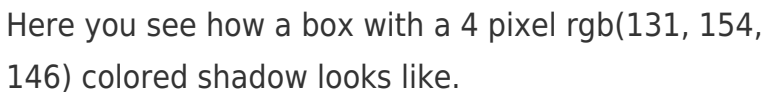
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 154, 146) }
```

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

```
.border{ border-color:rgb(131, 154, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(131, 154, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 154, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 154, 146);  
box-shadow:4px 4px 4px 4px rgb(131, 154,  
146) }
```

# Background

The CSS property to change the background color of an element to RYB 131, 145, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 154, 146) }
```

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

```
.background{ background-color: rgb(131,  
154, 146) }
```

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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