

Converting Colors

`RYB(131, 154, 149)`

Have a look what the booklet for
RYB(131, 154, 149) contains.

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Color

R_YB(131, 154, 149)

Conversions

Conversions Part 1

Format	Color
Hex	889A83
RGB	136, 154, 131
RGB Percent	53%, 60%, 51%
CMY	0.4667, 0.3961, 0.4863
CMYK	0.12, 0.00, 0.15, 0.40
HSL	107°, 10%, 56%
HSV	107°, 15%, 60%
XYZ	25.8057, 29.9841, 25.9001
YIQ	145.9960, -3.3450, -10.9690

Conversions

Conversions Part 2

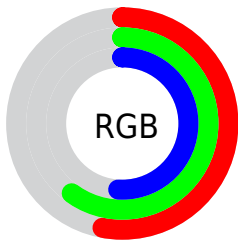
Format	Color
R_{YB}	131, 154, 149
Decimal	8952451
CIE Lab	61.64, -10.89, 9.94
CIE LCh	62, 14.748, 137.613
Yxy	29.9841, 0.3159, 0.3670
Android (android.graphics.Color)	4287142531 (0xFF889A83)
YUV	145.9960, -7.3930, -8.7665
Hunter-Lab	54.7578, -11.7045, 10.2866

Details

The RYB color **131, 154, 149** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **149, 131, 154**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **184, 208, 203**, and **82, 103, 99** is the 20% darker color. If you saturate the color by 10%, you get **116, 154, 146**, and if you desaturate by 10%, it is **146, 154, 152**.

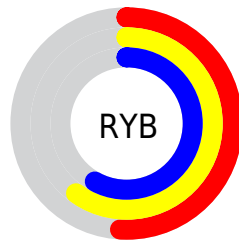
Distribution



Red (53%)

Green (60%)

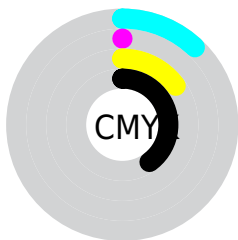
Blue (51%)



Red (51%)

Yellow (60%)

Blue (58%)

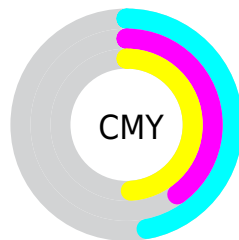


Cyan (12%)

Magenta (0%)

Yellow (15%)

Black (40%)



Cyan (47%)

Magenta (40%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 154, 149 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, 154, 149 by changing the saturation by 10% instead.

■ 131, 154, 149

255, 255, 255

■ 184, 208, 203

■ 212, 237, 232

■ 240, 255, 249

■ 131, 154, 149

■ 106, 128, 123

■ 82, 103, 99

■ 59, 79, 75

■ 37, 56, 53

■ 16, 34, 30

■ 0, 11, 11

■ 0, 0, 0


■ 131, 154, 149


■ 116, 154, 146


■ 131, 154, 149


■ 146, 154, 152

 100, 154, 142


 160, 154, 162

 85, 154, 139


 172, 154, 177


 69, 154, 135


 184, 154, 193


 54, 154, 132

 196, 154, 208

 39, 154, 129

 208, 154, 223

 23, 154, 125

 220, 154, 239

 8, 154, 122

 232, 154, 254

 0, 154, 121

 244, 154, 255

Harmonies

Analogous

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



125, 151, 124



131, 154, 149



123, 144, 156

Triad

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



131, 154, 149



128, 144, 174



177, 140, 142

Complementary

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



131, 154, 149



149, 131, 154

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.



172, 140, 155



131, 154, 149



144, 147, 174

Square

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



131, 154, 149



117, 139, 168



161, 143, 167



174, 147, 130

Rectangle

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



131, 154, 149



117, 138, 157



161, 143, 167



176, 140, 146

Sweetspot

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



131, 154, 149



193, 201, 199



137, 154, 131



97, 102, 101



230, 230, 230



102, 102, 102

Same Dimension

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



131, 154, 149



165, 201, 193



131, 149, 154



69, 77, 75



0, 140, 110



0, 13, 10

Inverse Universe

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



149, 131, 154



194, 165, 201



154, 131, 148



75, 69, 77



110, 0, 140



10, 0, 13

Previews

White Background



This preview shows how the RYB color 131, 154, 149 looks on a white background.

Color Contrast Check

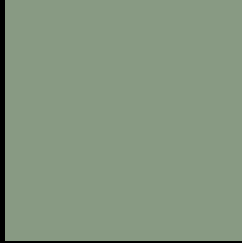
Large Text (above 18pt) WCAG AA ✓ Pass

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, 154, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

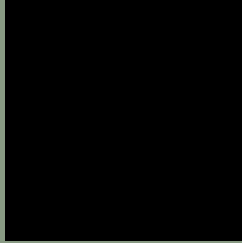
Any Text WCAG AA ✓ Pass

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](#).

RYP 131, 154, 149 Background



This preview shows how black text looks on a background with the RYP color 131, 154, 149.



This preview shows how white text looks on a background with the RYP color 131, 154, 149.

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

141, 147, 162

Trichromacy



Original Color

131, 154, 149

Protanomaly

129, 150, 130

Deuteranomaly

149, 157, 132

Tritanomaly

139, 145, 151

Monochromacy



Original Color

131, 154, 149

Achromatopsia

146, 146, 146

Achromatomaly

141, 149, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 154, 149 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(136, 154, 131)` looks like.

```
.text, #text, p{  
    color:rgb(136, 154, 131)  
}
```

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(136, 154, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 154, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 154, 149 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(136, 154, 131) }
```

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

```
.border{ border-color:rgb(136, 154, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 154, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 154, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 154, 131);  
box-shadow:4px 4px 4px 4px rgb(136, 154,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 154, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 154, 131) }
```

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

```
.background{ background-color: rgb(136,  
154, 131) }
```

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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