

Converting Colors

`RYB(151, 148, 163)`

Have a look what the booklet for
RYB(151, 148, 163) contains.

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Color

R_YB(151, 148, 163)

Conversions

Conversions Part 1

Format	Color
Hex	9794A3
RGB	151, 148, 163
RGB Percent	59%, 58%, 64%
CMY	0.4078, 0.4196, 0.3608
CMYK	0.07, 0.09, 0.00, 0.36
HSL	252°, 8%, 61%
HSV	252°, 9%, 64%
XYZ	29.9633, 30.4035, 38.9396
YIQ	150.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

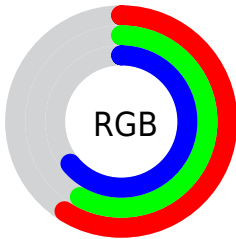
Format	Color
RYB	151, 148, 163
Decimal	9933987
CIELab	62.00, 4.08, -7.48
CIELCh	62, 8.520, 298.634
Yxy	30.4035, 0.3017, 0.3062
Android (android.graphics.Color)	4288124067 (0xFF9794A3)
YUV	150.6070, 6.1097, 0.3447
Hunter-Lab	55.1393, 0.5048, -3.2732

Details

The RYB color **151, 148, 163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **148, 163, 151**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **205, 202, 218**, and **100, 97, 111** is the 20% darker color. If you saturate the color by 10%, you get **138, 132, 163**, and if you desaturate by 10%, it is **163, 164, 163**.

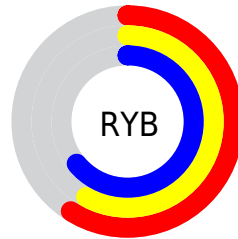
Distribution



Red (59%)

Green (58%)

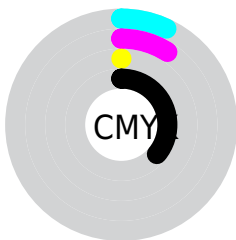
Blue (64%)



Red (59%)

Yellow (58%)

Blue (64%)

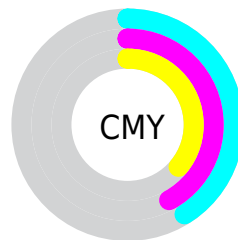


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 148, 163 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 151, 148, 163 by changing the saturation by 10% instead.

 151, 148, 163


255, 255, 255


 205, 202, 218


 233, 230, 246

 151, 148, 163

 125, 122, 137

 100, 97, 111

 76, 74, 87

 53, 51, 64


 32, 30, 42


 9, 5, 22

 0, 0, 0

 151, 148, 163

 138, 132, 163

 151, 148, 163

 163, 164, 163

■ 125, 115, 163

■ 163, 181, 167

■ 112, 99, 163

■ 163, 197, 170

■ 99, 83, 163

■ 163, 213, 173

■ 86, 67, 163

■ 163, 230, 177

■ 73, 50, 163

■ 163, 246, 180

■ 60, 34, 163

■ 163, 255, 176

■ 47, 18, 163

■ 163, 255, 163

■ 34, 1, 163

Harmonies

Analogous

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



142, 148, 165



151, 148, 163



160, 146, 158

Triad

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



151, 148, 163



163, 153, 137



133, 145, 154

Complementary

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



151, 148, 163



148, 163, 151

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.



140, 151, 153



151, 148, 163



148, 157, 135

Square

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



151, 148, 163



166, 145, 143



137, 152, 141



131, 143, 157

Rectangle

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



151, 148, 163



164, 145, 153



137, 152, 141



135, 147, 154

Sweetspot

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



151, 148, 163



207, 205, 212



148, 155, 163



104, 103, 107



235, 235, 235



107, 107, 107

Same Dimension

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



151, 148, 163



193, 188, 212



158, 148, 163



75, 73, 82



29, 0, 145



4, 0, 18

Inverse Universe

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



163, 148, 160



212, 188, 207



148, 163, 158



82, 73, 80



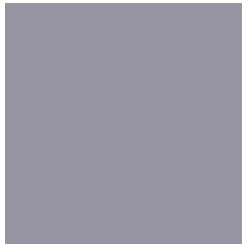
145, 0, 116



18, 0, 14

Previews

White Background



This preview shows how the RYB color 151, 148, 163 looks on a white background.

Color Contrast Check

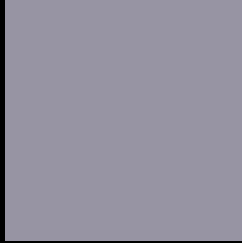
Large Text (above 18pt) WCAG AA × Fail

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 151, 148, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

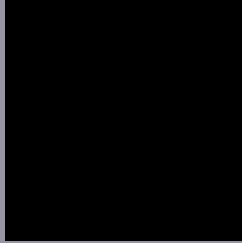
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

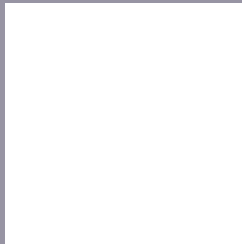
Any Text WCAG AAA ✓ Pass

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

RYB 151, 148, 163 Background



This preview shows how black text looks on a background with the RYB color 151, 148, 163.



This preview shows how white text looks on a background with the RYB color 151, 148, 163.

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
151, 148, 163

Protanopia
148, 149, 163

Deuteranopia
158, 146, 163



Tritanopia
151, 148, 160

Trichromacy



Original Color

151, 148, 163

Protanomaly

149, 149, 163

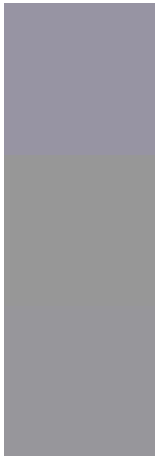
Deuteranomaly

155, 147, 163

Tritanomaly

151, 148, 161

Monochromacy



Original Color

151, 148, 163

Achromatopsia

151, 151, 151

Achromatomaly

151, 150, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 148, 163 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(151, 148, 163) looks like.

```
.text, #text, p{  
    color:rgb(151, 148, 163)  
}
```

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(151, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 148, 163) }
```

Border

The CSS property to change the border of an element to RYB 151, 148, 163 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(151, 148, 163) }
```

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

```
.border{ border-color:rgb(151, 148, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(151, 148,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 151, 148, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 148, 163) }
```

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

```
.background{ background-color: rgb(151,  
148, 163) }
```

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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