

# Converting Colors

`RYB(169, 123, 143)`

Have a look what the booklet for  
RYB(169, 123, 143) contains.

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# Color

**R<sub>Y</sub>B(169, 123, 143)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A97B8F
RGB	169, 123, 143
RGB Percent	66%, 48%, 56%
CMY	0.3373, 0.5176, 0.4392
CMYK	0.00, 0.27, 0.15, 0.34
HSL	334°, 21%, 57%
HSV	334°, 27%, 66%
XYZ	28.4031, 24.5841, 29.2348
YIQ	139.0340, 20.9960, 15.9720

# Conversions

## Conversions Part 2

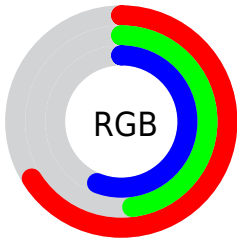
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 123, 143
Decimal	11107215
CIE <sub>Lab</sub>	56.67, 21.06, -3.74
CIE <sub>LCh</sub>	57, 21.387, 349.939
Yxy	24.5841, 0.3454, 0.2990
Android (android.graphics.Color)	4289297295 (0xFFA97B8F)
YUV	139.0340, 1.9552, 26.2802
Hunter-Lab	49.5824, 15.4839, -0.2510

# Details

The RYB color **169, 123, 143** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123, 152, 169**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **225, 176, 197**, and **116, 74, 93** is the 20% darker color. If you saturate the color by 10%, you get **169, 106, 133**, and if you desaturate by 10%, it is **169, 140, 153**.

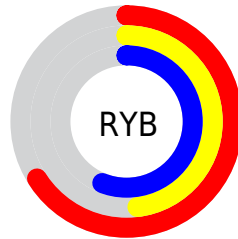
# Distribution



Red (66%)

Green (48%)

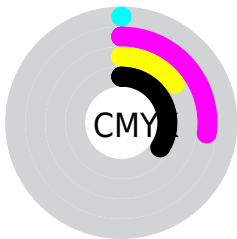
Blue (56%)



Red (66%)

Yellow (48%)

Blue (56%)

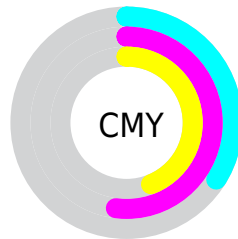


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (34%)



Cyan (34%)

Magenta (52%)

Yellow (44%)

# Brightness & Saturation Gradients


These gradients show how the RYB color 169, 123, 143 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 169, 123, 143 by changing the saturation by 10% instead.



 169, 123, 143

255, 255, 255

 225, 176, 197


 254, 203, 225

 255, 232, 253

 169, 123, 143

 142, 98, 117

 116, 74, 93

 91, 51, 69

 67, 28, 47

 43, 6, 26

 16, 0, 0

 0, 0, 0

 169, 123, 143

 169, 106, 133

 169, 123, 143

 169, 140, 153

169, 89, 124

169, 157, 162

169, 72, 114

169, 172, 174

169, 55, 105

169, 183, 191

169, 39, 95

169, 193, 207

169, 22, 86

169, 204, 224

169, 5, 76

169, 215, 241

169, 0, 73

169, 223, 255

169, 220, 255

# Harmonies

## Analogous

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



154, 127, 160



169, 123, 143



174, 123, 124

# Triad

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



169, 123, 143



101, 139, 103



85, 119, 164

# Complementary

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



169, 123, 143



123, 152, 169

# 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.



82, 114, 148



169, 123, 143



111, 143, 139

# Square

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



169, 123, 143



137, 155, 100



95, 126, 146



104, 128, 172

# Rectangle

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



169, 123, 143



172, 128, 113



95, 126, 146



82, 117, 159



# Sweetspot

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



169, 123, 143



219, 202, 209



148, 123, 169



110, 99, 103



237, 237, 237



110, 110, 110



# Same Dimension

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



169, 123, 143



219, 147, 178



169, 125, 123



84, 76, 79



148, 0, 64



20, 0, 9



# Inverse Universe

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



169, 123, 143



219, 147, 178



123, 145, 169



84, 76, 79



148, 0, 64

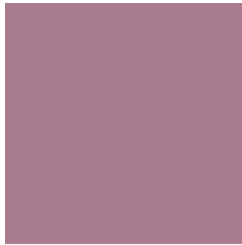


20, 0, 9



# Previews

## White Background



This preview shows how the RYB color 169, 123, 143 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 169, 123, 143 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

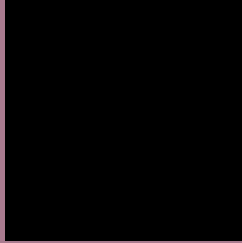
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## **RYB 169, 123, 143 Background**



This preview shows how black text looks on a background with the RYB color 169, 123, 143.



This preview shows how white text looks on a background with the RYB color 169, 123, 143.

# 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**  
[169, 123, 143](#)

**Protanopia**  
[134, 135, 151](#)

**Deuteranopia**  
[147, 132, 141](#)



**Tritanopia**  
168, 125, 134

# Trichromacy



**Original Color**  
169, 123, 143

**Protanomaly**  
147, 131, 148

**Deuteranomaly**  
155, 129, 142

**Tritanomaly**  
168, 124, 137

# Monochromacy



**Original Color**  
169, 123, 143

**Achromatopsia**  
139, 139, 139

**Achromatomaly**  
150, 133, 140

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 169, 123, 143 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(169, 123, 143) looks like.

```
.text, #text, p{  
    color:rgb(169, 123, 143)  
}
```

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(169, 123, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 123, 143) }
```

## Border

The CSS property to change the border of an element to RYB 169, 123, 143 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(169, 123, 143) }
```

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

```
.border{ border-color:rgb(169, 123, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 123, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 123, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 123, 143);  
box-shadow:4px 4px 4px 4px rgb(169, 123,  
143) }
```

# Background

The CSS property to change the background color of an element to RYB 169, 123, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 123, 143) }
```

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

```
.background{ background-color: rgb(169,  
123, 143) }
```

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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