

Converting Colors

`RYB(171, 144, 163)`

Have a look what the booklet for
RYB(171, 144, 163) contains.

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Color

R_YB(171, 144, 163)

Conversions

Conversions Part 1

Format	Color
Hex	AB90A3
RGB	171, 144, 163
RGB Percent	67%, 56%, 64%
CMY	0.3294, 0.4353, 0.3608
CMYK	0.00, 0.16, 0.05, 0.33
HSL	318°, 14%, 62%
HSV	318°, 16%, 67%
XYZ	33.3787, 31.2488, 38.9227
YIQ	154.2390, 9.9930, 11.6330

Conversions

Conversions Part 2

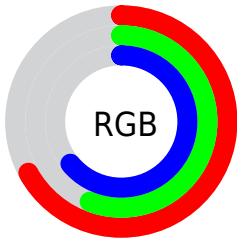
Format	Color
RYB	171, 144, 163
Decimal	11243683
CIELab	62.72, 13.46, -6.22
CIELCh	63, 14.832, 335.193
Yxy	31.2488, 0.3223, 0.3018
Android (android.graphics.Color)	4289433763 (0xFFAB90A3)
YUV	154.2390, 4.3192, 14.6994
Hunter-Lab	55.9006, 8.7577, -2.1522

Details

The RYB color **171, 144, 163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **144, 165, 171**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **226, 198, 218**, and **119, 94, 111** is the 20% darker color. If you saturate the color by 10%, you get **171, 127, 158**, and if you desaturate by 10%, it is **171, 161, 168**.

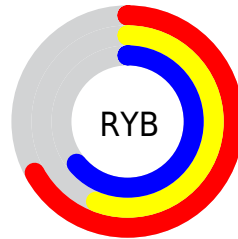
Distribution



Red (67%)

Green (56%)

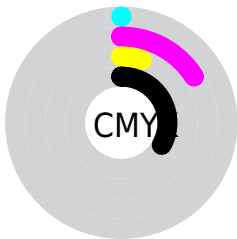
Blue (64%)



Red (67%)

Yellow (56%)

Blue (64%)

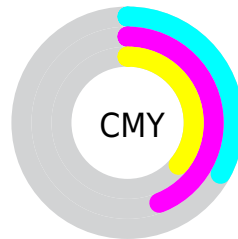


Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (33%)



Cyan (33%)


Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 144, 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 171, 144, 163 by changing the saturation by 10% instead.


 171, 144, 163

255, 255, 255

 226, 198, 218

 255, 226, 246

 171, 144, 163

 144, 118, 137

 119, 94, 111


 94, 70, 87


 70, 47, 64


 47, 26, 42


 28, 0, 22


 0, 0, 0


 171, 144, 163


 171, 127, 158


 171, 144, 163


 171, 161, 168

 171, 110, 153


 171, 176, 178


 171, 93, 148


 171, 190, 195

 171, 76, 143


 171, 203, 212


 171, 59, 138


 171, 216, 229


 171, 41, 133


 171, 230, 247

 171, 24, 128

 171, 235, 255

 171, 7, 122

 171, 231, 255

 171, 0, 120

 171, 229, 255

Harmonies

Analogous

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



157, 148, 173



171, 144, 163



179, 143, 150

Triad

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



171, 144, 163



136, 160, 126



117, 140, 166

Complementary

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



171, 144, 163



144, 165, 171

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.



120, 141, 159



171, 144, 163



130, 156, 141

Square

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



171, 144, 163



172, 161, 128



130, 151, 158



125, 144, 175

Rectangle

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



171, 144, 163



180, 143, 141



130, 151, 158



117, 139, 162

Sweetspot

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



171, 144, 163



222, 211, 219



152, 144, 171



112, 105, 110



240, 240, 240



112, 112, 112

Same Dimension

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



171, 144, 163



222, 180, 209



171, 144, 150



87, 78, 84



150, 0, 106



23, 0, 16

Inverse Universe

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



171, 144, 163



222, 180, 209



144, 159, 171



87, 78, 84



150, 0, 106



23, 0, 16

Previews

White Background



This preview shows how the RYB color 171, 144, 163 looks on a white background.

Color Contrast Check

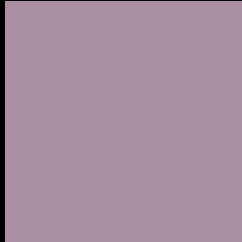
Large Text (above 18pt) WCAG AA × Fail

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 171, 144, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

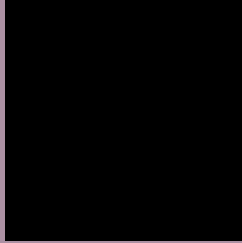
Any Text WCAG AA ✓ Pass

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](#).

R Y B 171, 144, 163 Background



This preview shows how black text looks on a background with the R Y B color 171, 144, 163.



This preview shows how white text looks on a background with the R Y B color 171, 144, 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
171, 144, 163

Protanopia
150, 151, 167

Deuteranopia
162, 147, 162



Tritanopia
170, 145, 156

Trichromacy



Original Color

171, 144, 163

Protanomaly

158, 148, 166

Deuteranomaly

165, 146, 162

Tritanomaly

170, 145, 159

Monochromacy



Original Color

171, 144, 163

Achromatopsia

154, 154, 154

Achromatomaly

160, 150, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 144, 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(171, 144, 163) looks like.

```
.text, #text, p{  
    color:rgb(171, 144, 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(171, 144, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 144, 163) }
```

Border

The CSS property to change the border of an element to RYB 171, 144, 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(171, 144, 163) }
```

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

```
.border{ border-color:rgb(171, 144, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 144, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 144, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 144, 163);  
box-shadow:4px 4px 4px 4px rgb(171, 144,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 171, 144, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 144, 163) }
```

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

```
.background{ background-color: rgb(171,  
144, 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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