

Converting Colors

`RYB(171, 123, 144)`

Have a look what the booklet for
RYB(171, 123, 144) contains.

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Color

R_YB(171, 123, 144)

Conversions

Conversions Part 1

Format	Color
Hex	AB7B90
RGB	171, 123, 144
RGB Percent	67%, 48%, 56%
CMY	0.3294, 0.5176, 0.4353
CMYK	0.00, 0.28, 0.16, 0.33
HSL	334°, 22%, 58%
HSV	334°, 28%, 67%
XYZ	28.9116, 24.8375, 29.6559
YIQ	139.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

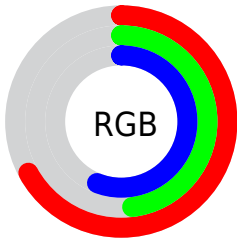
Format	Color
R _Y B	171, 123, 144
Decimal	11238288
CIE Lab	56.92, 21.97, -3.92
CIE LCh	57, 22.316, 349.873
Yxy	24.8375, 0.3466, 0.2978
Android (android.graphics.Color)	4289428368 (0xFFAB7B90)
YUV	139.7460, 2.0972, 27.4098
Hunter-Lab	49.8372, 16.3364, -0.3948

Details

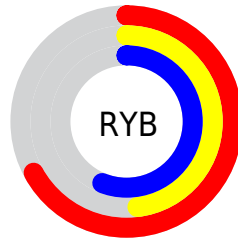
The RYB color **171, 123, 144** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123, 154, 171**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **227, 176, 198**, and **118, 74, 94** is the 20% darker color. If you saturate the color by 10%, you get **171, 106, 134**, and if you desaturate by 10%, it is **171, 140, 154**.

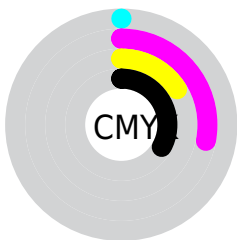
Distribution



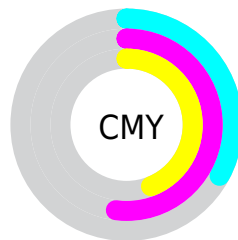
- Red (67%)
- Green (48%)
- Blue (56%)



- Red (67%)
- Yellow (48%)
- Blue (56%)



- Cyan (0%)
- Magenta (28%)
- Yellow (16%)
- Black (33%)



- Cyan (33%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 123, 144 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, 123, 144 by changing the saturation by 10% instead.

 171, 123, 144

255, 255, 255

 227, 176, 198


 255, 203, 226

 255, 232, 254

 171, 123, 144

 144, 98, 118

 118, 74, 94


 93, 50, 70

 68, 28, 48


 45, 6, 27

 20, 0, 0


 0, 0, 0


 171, 123, 144


 171, 106, 134


 171, 123, 144


 171, 140, 154


 171, 89, 125


 171, 157, 163


 171, 72, 115

 171, 173, 174


 171, 55, 106

 171, 184, 191

 171, 38, 96

 171, 195, 208

 171, 20, 86


 171, 206, 226

 171, 3, 77

 171, 217, 243

 171, 0, 75

 171, 224, 255

 171, 220, 255

Harmonies

Analogous

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



155, 127, 162



171, 123, 144



176, 123, 124

Triad

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



171, 123, 144



100, 139, 102



82, 118, 166

Complementary

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



171, 123, 144



123, 154, 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.



80, 114, 149



171, 123, 144



111, 144, 140

Square

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



171, 123, 144



140, 157, 99



94, 126, 147



103, 127, 174

Rectangle

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



171, 123, 144



174, 128, 113



94, 126, 147



79, 116, 161

Sweetspot

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



171, 123, 144



222, 204, 212



149, 123, 171



112, 101, 106



240, 240, 240



112, 112, 112

Same Dimension

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



171, 123, 144



222, 146, 179



171, 125, 123



87, 78, 82



150, 0, 66



23, 0, 10

Inverse Universe

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



171, 123, 144



222, 146, 179



123, 146, 171



87, 78, 82



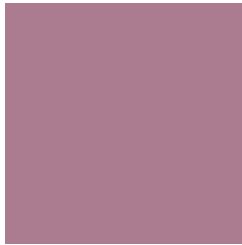
150, 0, 66



23, 0, 10

Previews

White Background



This preview shows how the RYB color 171, 123, 144 looks on a white background.

Color Contrast Check

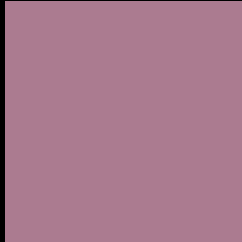
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 123, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

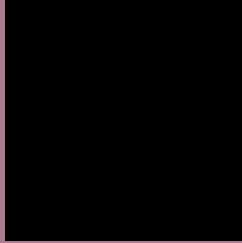
Any Text WCAG AA ✓ Pass

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 171, 123, 144 Background



This preview shows how black text looks on a background with the RYB color 171, 123, 144.



This preview shows how white text looks on a background with the RYB color 171, 123, 144.

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](#), [123](#), [144](#)

Protanopia

[135](#), [136](#), [152](#)

Deuteranopia

[148](#), [133](#), [142](#)



Tritanopia
170, 125, 134

Trichromacy



Original Color
171, 123, 144

Protanomaly
148, 131, 149

Deuteranomaly
156, 129, 143

Tritanomaly
170, 124, 138

Monochromacy



Original Color
171, 123, 144

Achromatopsia
140, 140, 140

Achromatomaly
151, 134, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 123, 144 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, 123, 144) looks like.

```
.text, #text, p{  
    color:rgb(171, 123, 144)  
}
```

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, 123, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 123, 144) }
```

Border

The CSS property to change the border of an element to RYB 171, 123, 144 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, 123, 144) }
```

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

```
.border{ border-color:rgb(171, 123, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 123, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 123, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 123, 144); box-shadow:4px 4px 4px 4px rgb(171, 123, 144) }
```

Background

The CSS property to change the background color of an element to RYB 171, 123, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 123, 144) }
```

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

```
.background{ background-color: rgb(171,  
123, 144) }
```

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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