

Converting Colors

`RYB(171, 125, 143)`

Have a look what the booklet for
RYB(171, 125, 143) contains.

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Color

R_YB(171, 125, 143)

Conversions

Conversions Part 1

Format	Color
Hex	AB7D8F
RGB	171, 125, 143
RGB Percent	67%, 49%, 56%
CMY	0.3294, 0.5098, 0.4392
CMYK	0.00, 0.27, 0.16, 0.33
HSL	337°, 21%, 58%
HSV	337°, 27%, 67%
XYZ	29.0861, 25.3083, 29.3386
YIQ	140.8060, 21.6380, 15.3500

Conversions

Conversions Part 2

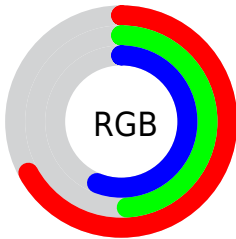
Format	Color
R_{YB}	171, 125, 143
Decimal	11238799
CIE Lab	57.37, 20.67, -2.67
CIE LCh	57, 20.842, 352.639
Yxy	25.3083, 0.3474, 0.3023
Android (android.graphics.Color)	4289428879 (0xFFAB7D8F)
YUV	140.8060, 1.0816, 26.4801
Hunter-Lab	50.3074, 15.1651, 0.6380

Details

The RYB color **171, 125, 143** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125, 154, 171**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **227, 178, 197**, and **118, 76, 93** is the 20% darker color. If you saturate the color by 10%, you get **171, 108, 133**, and if you desaturate by 10%, it is **171, 142, 153**.

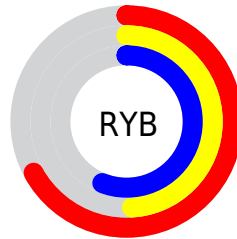
Distribution



Red (67%)

Green (49%)

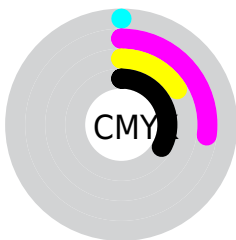
Blue (56%)



Red (67%)

Yellow (49%)

Blue (56%)

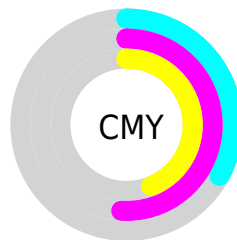


Cyan (0%)

Magenta (27%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 125, 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 171, 125, 143 by changing the saturation by 10% instead.


 171, 125, 143


255, 255, 255

 227, 178, 197


 255, 206, 225


 255, 234, 253

 171, 125, 143

 144, 100, 117

 118, 76, 93

 93, 52, 69

 68, 30, 47


 45, 8, 26


 21, 0, 0

 0, 0, 0

 171, 125, 143

 171, 108, 133

 171, 125, 143

 171, 142, 153

171, 91, 122

171, 159, 164

171, 74, 112

171, 174, 176

171, 57, 101

171, 184, 193

171, 39, 91

171, 195, 210

171, 22, 81

171, 207, 228

171, 5, 70

171, 217, 245

171, 0, 67

171, 222, 255

171, 218, 255

Harmonies

Analogous

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



157, 129, 160



171, 125, 143



175, 125, 125

Triad

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



171, 125, 143



104, 141, 108



90, 122, 166

Complementary

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



171, 125, 143



125, 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.



85, 117, 151



171, 125, 143



115, 145, 144

Square

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



171, 125, 143



134, 155, 102



97, 127, 148



110, 131, 173

Rectangle

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



171, 125, 143



172, 132, 114



97, 127, 148



86, 120, 162

Sweetspot

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



171, 125, 143



222, 204, 211



153, 125, 171



112, 101, 105



240, 240, 240



112, 112, 112

Same Dimension

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



171, 125, 143



222, 151, 179



171, 131, 125



87, 78, 81



150, 0, 59



23, 0, 9

Inverse Universe

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



171, 125, 143



222, 151, 179



125, 147, 171



87, 78, 81



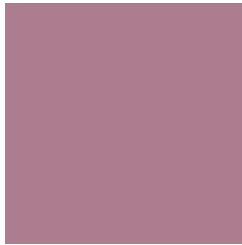
150, 0, 59



23, 0, 9

Previews

White Background



This preview shows how the RYB color 171, 125, 143 looks on a white background.

Color Contrast Check

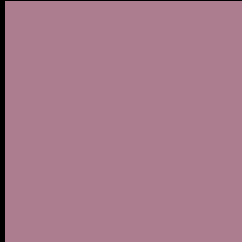
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 125, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

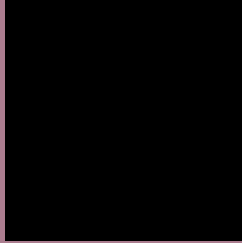
Any Text WCAG AA ✓ Pass

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](#).

R Y B 171, 125, 143 Background



This preview shows how black text looks on a background with the RYB color 171, 125, 143.



This preview shows how white text looks on a background with the RYB color 171, 125, 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

171, 125, 143

Protanopia

137, 137, 150

Deuteranopia

150, 134, 141



Tritanopia
170, 126, 136

Trichromacy



Original Color

171, 125, 143

Protanomaly

149, 133, 147

Deuteranomaly

158, 131, 142

Tritanomaly

170, 126, 139

Monochromacy



Original Color

171, 125, 143

Achromatopsia

141, 141, 141

Achromatomaly

152, 135, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 125, 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(171, 125, 143) looks like.

```
.text, #text, p{  
    color:rgb(171, 125, 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(171, 125, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 125, 143) }
```

Border

The CSS property to change the border of an element to RYB 171, 125, 143 is called "border". The border property can be set on classes, ids or directly on the HTML element.

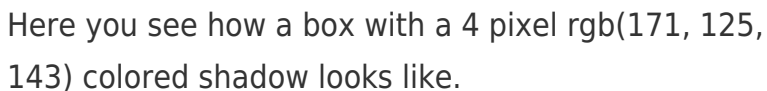
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 125, 143) }
```

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

```
.border{ border-color:rgb(171, 125, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 125, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 125, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 125, 143); box-shadow:4px 4px 4px 4px rgb(171, 125, 143) }
```

Background

The CSS property to change the background color of an element to RYB 171, 125, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 125, 143) }
```

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

```
.background{ background-color: rgb(171,  
125, 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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