

Converting Colors

`RYB(172, 123, 134)`

Have a look what the booklet for
RYB(172, 123, 134) contains.

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Color

R_YB(172, 123, 134)

Conversions

Conversions Part 1

Format	Color
Hex	AC7B86
RGB	172, 123, 134
RGB Percent	67%, 48%, 53%
CMY	0.3255, 0.5176, 0.4745
CMYK	0.00, 0.28, 0.22, 0.33
HSL	347°, 23%, 58%
HSV	347°, 28%, 67%
XYZ	28.3993, 24.6578, 25.8169
YIQ	138.9050, 25.6730, 13.8090

Conversions

Conversions Part 2

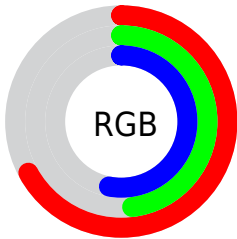
Format	Color
R _Y B	172, 123, 134
Decimal	11303814
CIE Lab	56.74, 20.73, 1.63
CIE LCh	57, 20.794, 4.487
Yxy	24.6578, 0.3601, 0.3126
Android (android.graphics.Color)	4289493894 (0xFFAC7B86)
YUV	138.9050, -2.4182, 29.0243
Hunter-Lab	49.6566, 15.1875, 3.9343

Details

The RYB color **172, 123, 134** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123, 151, 172**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **228, 176, 187**, and **119, 74, 85** is the 20% darker color. If you saturate the color by 10%, you get **172, 106, 121**, and if you desaturate by 10%, it is **172, 140, 147**.

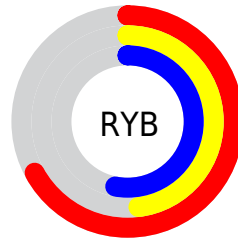
Distribution



Red (67%)

Green (48%)

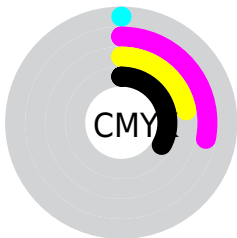
Blue (53%)



Red (67%)

Yellow (48%)

Blue (53%)

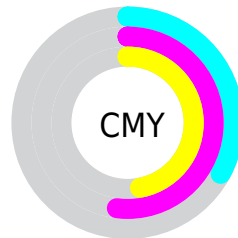


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (33%)



Cyan (33%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 123, 134 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 172, 123, 134 by changing the saturation by 10% instead.


 172, 123, 134

255, 255, 255

 228, 176, 187

 255, 203, 215

 255, 232, 243

 172, 123, 134

 145, 98, 109

 119, 74, 85

 93, 51, 61

 69, 28, 40

 45, 6, 19

 16, 0, 0

 0, 0, 0

 172, 123, 134

 172, 106, 121

 172, 123, 134

 172, 140, 147

■ 172, 89, 107

■ 172, 157, 161

■ 172, 71, 94

■ 172, 174, 175

■ 172, 54, 81

■ 172, 183, 192

■ 172, 37, 67

■ 172, 193, 209

■ 172, 20, 54

■ 172, 202, 226

■ 172, 3, 41

■ 172, 212, 243

■ 172, 0, 39

■ 172, 217, 255

■ 172, 214, 255

Harmonies

Analogous

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



162, 125, 152



172, 123, 134



172, 127, 116

Triad

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



172, 123, 134



106, 141, 120



95, 124, 168

Complementary

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



172, 123, 134



123, 151, 172

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.



83, 117, 156



172, 123, 134



106, 135, 145

Square

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



172, 123, 134



114, 147, 100



89, 120, 146



118, 132, 172

Rectangle

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



172, 123, 134



167, 139, 107



89, 120, 146



89, 121, 165

Sweetspot

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



172, 123, 134



224, 204, 209



161, 123, 172



112, 100, 103



240, 240, 240



112, 112, 112

Same Dimension

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



172, 123, 134



224, 148, 165



172, 141, 123



87, 78, 80



150, 0, 34



23, 0, 5

Inverse Universe

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



172, 123, 134



224, 148, 165



123, 144, 172



87, 78, 80



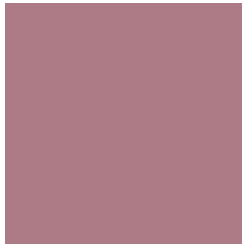
150, 0, 34



23, 0, 5

Previews

White Background



This preview shows how the RYB color 172, 123, 134 looks on a white background.

Color Contrast Check

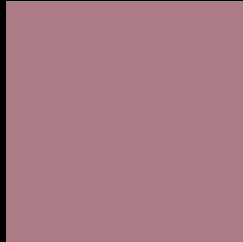
Large Text (above 18pt) WCAG AA ✓ Pass

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 172, 123, 134 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 172, 123, 134 Background



This preview shows how black text looks on a background with the RYB color 172, 123, 134.



This preview shows how white text looks on a background with the RYB color 172, 123, 134.

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
172, 123, 134

Protanopia
137, 136, 141

Deuteranopia
151, 132, 132



Tritanopia
172, 123, 133

Trichromacy



Original Color

172, 123, 134

Protanomaly

150, 131, 138

Deuteranomaly

159, 129, 133

Tritanomaly

172, 123, 133

Monochromacy



Original Color

172, 123, 134

Achromatopsia

139, 139, 139

Achromatomaly

151, 133, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 123, 134 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(172, 123, 134)` looks like.

```
.text, #text, p{  
    color:rgb(172, 123, 134)  
}
```

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(172, 123, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 123, 134) }
```

Border

The CSS property to change the border of an element to RYB 172, 123, 134 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(172, 123, 134) }
```

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

```
.border{ border-color:rgb(172, 123, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 123, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 123, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 123, 134);  
box-shadow:4px 4px 4px 4px rgb(172, 123,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 172, 123, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 123, 134) }
```

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

```
.background{ background-color: rgb(172,  
123, 134) }
```

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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