

Converting Colors

`RYB(183, 162, 174)`

Have a look what the booklet for RYB(183, 162, 174) contains.

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Color

R_YB(183, 162, 174)

Conversions

Conversions Part 1

Format	Color
Hex	B7A2AE
RGB	183, 162, 174
RGB Percent	72%, 64%, 68%
CMY	0.2824, 0.3647, 0.3176
CMYK	0.00, 0.11, 0.05, 0.28
HSL	326°, 13%, 68%
HSV	326°, 11%, 72%
XYZ	40.0888, 38.9639, 45.4523
YIQ	169.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

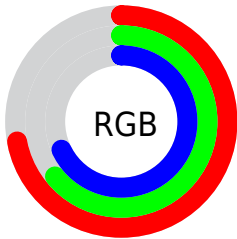
Format	Color
RYB	183, 162, 174
Decimal	12034734
CIELab	68.73, 9.78, -3.39
CIELCh	69, 10.349, 340.851
Yxy	38.9639, 0.3220, 0.3130
Android (android.graphics.Color)	4290224814 (0xFFB7A2AE)
YUV	169.6470, 2.1460, 11.7106
Hunter-Lab	62.4211, 5.4013, 0.5224

Details

The RYB color **183, 162, 174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162, 177, 183**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **239, 217, 229**, and **130, 110, 122** is the 20% darker color. If you saturate the color by 10%, you get **183, 144, 166**, and if you desaturate by 10%, it is **183, 180, 182**.

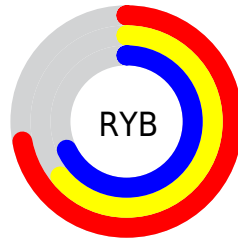
Distribution



Red (72%)

Green (64%)

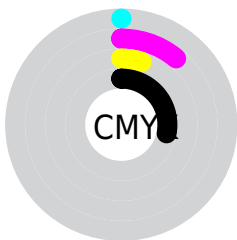
Blue (68%)



Red (72%)

Yellow (64%)

Blue (68%)

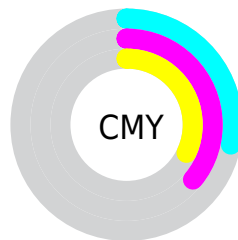


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 162, 174 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 183, 162, 174 by changing the saturation by 10% instead.

 183, 162, 174

255, 255, 255


 239, 217, 229


 255, 245, 255

 183, 162, 174


 156, 136, 147

 130, 110, 122

 105, 86, 97


 81, 63, 73

 57, 41, 51

 36, 20, 30

 10, 0, 3


 0, 0, 0


 183, 162, 174

 183, 162, 174

 183, 144, 166

 183, 180, 182

 183, 125, 158


 183, 194, 199

 183, 107, 150


 183, 207, 217

 183, 89, 143


 183, 220, 235

 183, 71, 135


 183, 232, 253

 183, 52, 127

 183, 230, 255

 183, 34, 119

 183, 227, 255

 183, 16, 111

 183, 224, 255

 183, 0, 105

 183, 222, 255

Harmonies

Analogous

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



174, 164, 182



183, 162, 174



188, 161, 164

Triad

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



183, 162, 174



154, 172, 149



145, 160, 179

Complementary

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



183, 162, 174



162, 177, 183

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.



145, 160, 173



183, 162, 174



153, 171, 163

Square

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



183, 162, 174



181, 179, 150



151, 166, 173



151, 163, 185

Rectangle

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



183, 162, 174



188, 163, 158



151, 166, 173



144, 159, 177

Sweetspot

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



183, 162, 174



237, 230, 234



171, 162, 183



120, 115, 118



247, 247, 247



120, 120, 120

Same Dimension

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



183, 162, 174



237, 204, 223



183, 162, 164



92, 83, 88



156, 0, 89



28, 0, 16

Inverse Universe

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



183, 162, 174



237, 204, 223



162, 173, 183



92, 83, 88



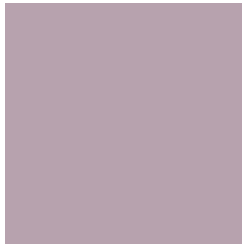
156, 0, 89



28, 0, 16

Previews

White Background



This preview shows how the RYB color 183, 162, 174 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 183, 162, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

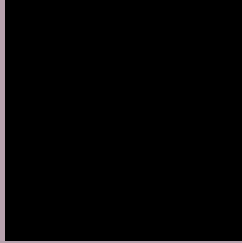
Any Text WCAG AA ✓ Pass

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](#).

RYB 183, 162, 174 Background



This preview shows how black text looks on a background with the RYB color 183, 162, 174.



This preview shows how white text looks on a background with the RYB color 183, 162, 174.

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
183, 162, 174

Protanopia
168, 167, 177

Deuteranopia
181, 163, 174



Tritanopia
183, 162, 175

Trichromacy



Original Color
183, 162, 174

Protanomaly
173, 165, 176

Deuteranomaly
182, 163, 174

Tritanomaly
183, 162, 175

Monochromacy



Original Color
183, 162, 174

Achromatopsia
170, 170, 170

Achromatomaly
175, 167, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 162, 174 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(183, 162, 174) looks like.

```
.text, #text, p{  
    color:rgb(183, 162, 174)  
}
```

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(183, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 162, 174) }
```

Border

The CSS property to change the border of an element to RYB 183, 162, 174 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(183, 162, 174) }
```

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

```
.border{ border-color:rgb(183, 162, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 162, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(183, 162,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 183, 162, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 162, 174) }
```

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

```
.background{ background-color: rgb(183,  
162, 174) }
```

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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