

Converting Colors

`RYB(185, 162, 199)`

Have a look what the booklet for RYB(185, 162, 199) contains.

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Color

R_YB(185, 162, 199)

Conversions

Conversions Part 1

Format	Color
Hex	B9A2C7
RGB	185, 162, 199
RGB Percent	73%, 64%, 78%
CMY	0.2745, 0.3647, 0.2196
CMYK	0.07, 0.19, 0.00, 0.22
HSL	277°, 25%, 71%
HSV	277°, 19%, 78%
XYZ	43.2367, 40.2785, 59.5285
YIQ	173.0950, 1.8310, 16.3830

Conversions

Conversions Part 2

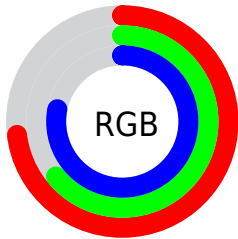
Format	Color
RYB	185, 162, 199
Decimal	12165831
CIELab	69.67, 15.28, -15.84
CIELCh	70, 22.008, 313.985
Yxy	40.2785, 0.3023, 0.2816
Android (android.graphics.Color)	4290355911 (0xFFB9A2C7)
YUV	173.0950, 12.7712, 10.4407
Hunter-Lab	63.4653, 10.5415, -11.1865

Details

The RYB color **185, 162, 199** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **162, 199, 185**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **241, 217, 255**, and **132, 110, 145** is the 20% darker color. If you saturate the color by 10%, you get **177, 142, 199**, and if you desaturate by 10%, it is **193, 182, 199**.

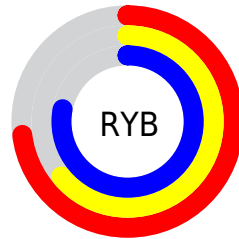
Distribution



Red (73%)

Green (64%)

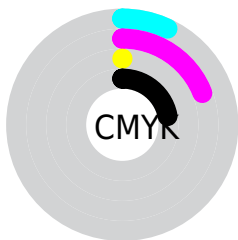
Blue (78%)



Red (73%)

Yellow (64%)

Blue (78%)

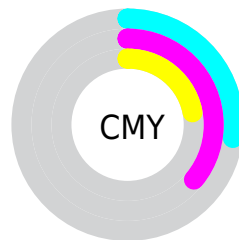


Cyan (7%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 162, 199 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 185, 162, 199 by changing the saturation by 10% instead.


 185, 162, 199


255, 255, 255

 241, 217, 255

 255, 245, 255

 185, 162, 199


 158, 136, 172

 132, 110, 145

 106, 86, 119

 82, 62, 95

 58, 40, 71

 36, 20, 48

 17, 0, 28

 0, 0, 0

 185, 162, 199

 185, 162, 199

177, 142, 199

193, 182, 199

170, 122, 199

199, 202, 201

162, 102, 199

199, 222, 213

155, 82, 199

199, 242, 226

147, 62, 199

199, 255, 231

140, 43, 199

199, 255, 224

132, 23, 199

199, 255, 216

125, 3, 199

199, 255, 209

124, 0, 199

199, 255, 201

Harmonies

Analogous

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



159, 167, 209



185, 162, 199



203, 157, 182

Triad

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



185, 162, 199



189, 195, 132



116, 150, 182

Complementary

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



185, 162, 199



162, 199, 185

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.



131, 163, 181



185, 162, 199



135, 176, 131

Square

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



185, 162, 199



208, 164, 143



141, 177, 165



116, 152, 197

Rectangle

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



185, 162, 199



210, 156, 168



141, 177, 165



120, 154, 182

Sweetspot

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



185, 162, 199



249, 240, 255



162, 172, 199



124, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



185, 162, 199



234, 199, 255



199, 162, 195



96, 90, 99



101, 0, 163



22, 0, 36

Inverse Universe

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



199, 162, 176



255, 199, 220



162, 195, 199



99, 90, 93



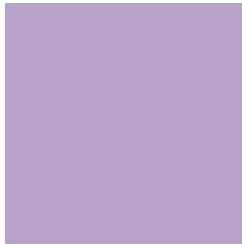
163, 0, 62



36, 0, 14

Previews

White Background



This preview shows how the RYB color 185, 162, 199 looks on a white background.

Color Contrast Check

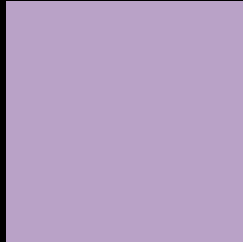
Large Text (above 18pt) WCAG AA × Fail

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 185, 162, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

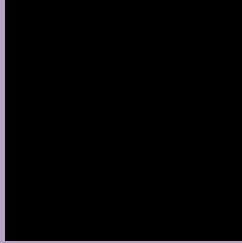
Any Text WCAG AA ✓ Pass

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 185, 162, 199 Background



This preview shows how black text looks on a background with the RYB color 185, 162, 199.



This preview shows how white text looks on a background with the RYB color 185, 162, 199.

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
185, 162, 199

Protanopia
163, 168, 204

Deuteranopia
173, 166, 198



Tritanopia
182, 166, 179

Trichromacy



Original Color

185, 162, 199

Protanomaly

171, 166, 202

Deuteranomaly

177, 165, 198

Tritanomaly

183, 165, 186

Monochromacy



Original Color

185, 162, 199

Achromatopsia

173, 173, 173

Achromatomaly

177, 169, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 162, 199 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(185, 162, 199)` looks like.

```
.text, #text, p{  
    color:rgb(185, 162, 199)  
}
```

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(185, 162, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 162, 199) }
```

Border

The CSS property to change the border of an element to RYB 185, 162, 199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

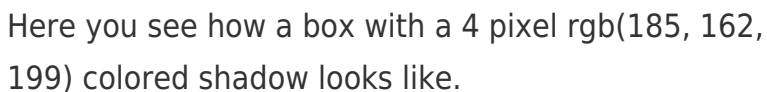
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 162, 199) }
```

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

```
.border{ border-color:rgb(185, 162, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 162, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 162, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 162, 199);  
box-shadow:4px 4px 4px 4px rgb(185, 162,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 185, 162, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 162, 199) }
```

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

```
.background{ background-color: rgb(185,  
162, 199) }
```

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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