

Converting Colors

`RYB(181, 172, 214)`

Have a look what the booklet for RYB(181, 172, 214) contains.

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Color

R_YB(181, 172, 214)

Conversions

Conversions Part 1

Format	Color
Hex	B5ACD6
RGB	181, 172, 214
RGB Percent	71%, 67%, 84%
CMY	0.2902, 0.3255, 0.1608
CMYK	0.15, 0.20, 0.00, 0.16
HSL	253°, 34%, 76%
HSV	253°, 20%, 84%
XYZ	45.9462, 44.1838, 69.7250
YIQ	179.4790, -8.1180, 14.9700

Conversions

Conversions Part 2

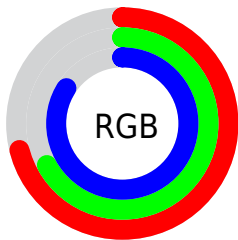
Format	Color
R _{YB}	181, 172, 214
Decimal	11906262
CIE Lab	72.35, 11.59, -20.06
CIE LCh	72, 23.164, 300.012
Yxy	44.1838, 0.2874, 0.2764
Android (android.graphics.Color)	4290096342 (0xFFB5ACD6)
YUV	179.4790, 17.0189, 1.3339
Hunter-Lab	66.4709, 7.0590, -15.6629

Details

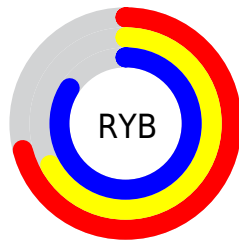
The RYB color **181, 172, 214** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **172, 214, 181**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **237, 227, 255**, and **128, 120, 159** is the 20% darker color. If you saturate the color by 10%, you get **164, 151, 214**, and if you desaturate by 10%, it is **198, 193, 214**.

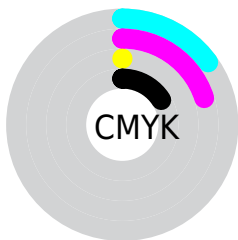
Distribution



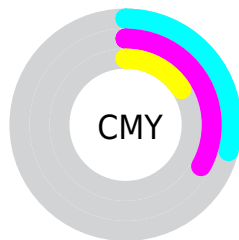
- Red (71%)
- Green (67%)
- Blue (84%)



- Red (71%)
- Yellow (67%)
- Blue (84%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 172, 214 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 181, 172, 214 by changing the saturation by 10% instead.

■ 181, 172, 214

255, 255, 255

■ 237, 227, 255

■ 181, 172, 214

■ 154, 145, 186

■ 128, 120, 159

■ 102, 95, 133

■ 78, 71, 108

■ 54, 49, 83

■ 32, 28, 60

■ 12, 2, 38

■ 0, 1, 16

■ 0, 0, 0

■ 181, 172, 214

■ 181, 172, 214

■ 164, 151, 214

■ 198, 193, 214

■ 147, 129, 214

■ 214, 215, 214

■ 131, 108, 214

■ 214, 236, 219

■ 114, 86, 214

■ 214, 255, 221

■ 97, 65, 214

■ 214, 255, 214

■ 80, 44, 214

■ 63, 22, 214

■ 46, 1, 214

■ 46, 0, 214

Harmonies

Analogous

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



152, 171, 219



181, 172, 214



205, 166, 199

Triad

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



181, 172, 214



211, 188, 141



126, 161, 189

Complementary

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



181, 172, 214



172, 214, 181

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.



146, 179, 187



181, 172, 214



159, 193, 135

Square

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



181, 172, 214



220, 165, 157



140, 183, 153



117, 155, 198

Rectangle

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



181, 172, 214



215, 163, 185



140, 183, 153



132, 167, 189

Sweetspot

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



181, 172, 214



243, 240, 255



172, 191, 214



120, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 172, 214



207, 194, 255



201, 172, 214



99, 96, 107



37, 0, 171



9, 0, 43

Inverse Universe

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



214, 172, 205



255, 194, 242



172, 214, 201



107, 96, 105



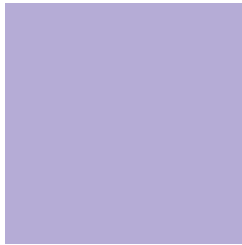
171, 0, 134



43, 0, 34

Previews

White Background



This preview shows how the RYB color 181, 172, 214 looks on a white background.

Color Contrast Check

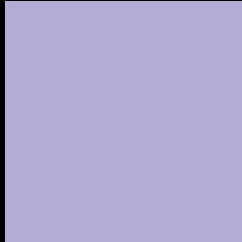
Large Text (above 18pt) WCAG AA × Fail

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 181, 172, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

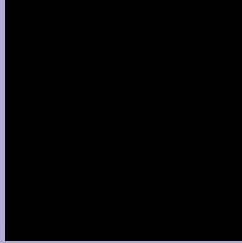
Any Text WCAG AA ✓ Pass

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 181, 172, 214 Background



This preview shows how black text looks on a background with the RYB color 181, 172, 214.



This preview shows how white text looks on a background with the RYB color 181, 172, 214.

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
181, 172, 214

Protanopia
168, 175, 217

Deuteranopia
177, 173, 214



Tritanopia
177, 176, 190

Trichromacy



Original Color
181, 172, 214

Protanomaly
173, 175, 216

Deuteranomaly
178, 173, 214

Tritanomaly
178, 175, 199

Monochromacy



Original Color
181, 172, 214

Achromatopsia
179, 179, 179

Achromatomaly
180, 176, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 172, 214 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(181, 172, 214)` looks like.

```
.text, #text, p{  
    color:rgb(181, 172, 214)  
}
```

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(181, 172, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 172, 214) }
```

Border

The CSS property to change the border of an element to RYB 181, 172, 214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

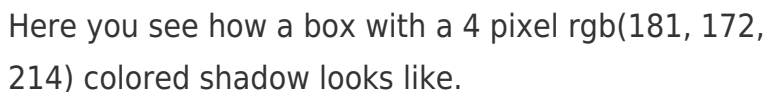
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 172, 214) }
```

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

```
.border{ border-color:rgb(181, 172, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 172, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 172, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 172, 214);  
box-shadow:4px 4px 4px 4px rgb(181, 172,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 181, 172, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 172, 214) }
```

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

```
.background{ background-color: rgb(181,  
172, 214) }
```

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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