

Converting Colors

`RYB(187, 167, 206)`

Have a look what the booklet for
RYB(187, 167, 206) contains.

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Color

R_YB(187, 167, 206)

Conversions

Conversions Part 1

Format	Color
Hex	BBA7CE
RGB	187, 167, 206
RGB Percent	73%, 65%, 81%
CMY	0.2667, 0.3451, 0.1922
CMYK	0.09, 0.19, 0.00, 0.19
HSL	271°, 28%, 73%
HSV	271°, 19%, 81%
XYZ	45.4528, 42.6585, 64.2308
YIQ	177.4260, -0.5990, 16.3690

Conversions

Conversions Part 2

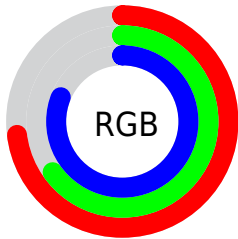
Format	Color
R _{YB}	187, 167, 206
Decimal	12298190
CIE Lab	71.32, 14.61, -17.18
CIE LCh	71, 22.552, 310.380
Yxy	42.6585, 0.2984, 0.2800
Android (android.graphics.Color)	4290488270 (0xFFBBA7CE)
YUV	177.4260, 14.0870, 8.3964
Hunter-Lab	65.3134, 9.9229, -12.5878

Details

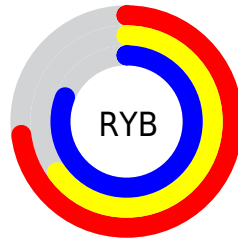
The RYB color **187, 167, 206** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **167, 206, 187**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **243, 222, 255**, and **134, 115, 152** is the 20% darker color. If you saturate the color by 10%, you get **177, 146, 206**, and if you desaturate by 10%, it is **197, 188, 206**.

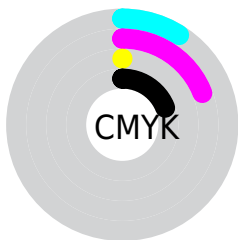
Distribution



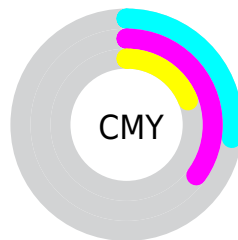
- Red (73%)
- Green (65%)
- Blue (81%)



- Red (73%)
- Yellow (65%)
- Blue (81%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (19%)




- Cyan (27%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 187, 167, 206 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 187, 167, 206 by changing the saturation by 10% instead.

 187, 167, 206

 187, 167, 206

255, 255, 255

 160, 141, 178

 243, 222, 255


 134, 115, 152


 255, 251, 255

 108, 90, 126

 84, 67, 101

 60, 45, 77

 38, 24, 54


 19, 0, 33

 0, 0, 5

 0, 0, 0

 187, 167, 206

 187, 167, 206

 177, 146, 206


 197, 188, 206

 167, 126, 206

 206, 208, 207

 157, 105, 206

 206, 229, 218

 147, 85, 206

 206, 249, 228

 137, 64, 206

 206, 255, 224

 127, 43, 206

 206, 255, 214

 117, 23, 206

 206, 255, 206

 107, 2, 206

 106, 0, 206

Harmonies

Analogous

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



160, 171, 215



187, 167, 206



207, 162, 189

Triad

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



187, 167, 206



202, 202, 136



120, 154, 186

Complementary

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



187, 167, 206



167, 206, 187

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.



137, 169, 185



187, 167, 206



142, 183, 134

Square

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



187, 167, 206



214, 167, 149



143, 181, 164



118, 155, 200

Rectangle

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



187, 167, 206



215, 160, 175



143, 181, 164



125, 159, 186

Sweetspot

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



187, 167, 206



248, 240, 255



167, 180, 206



123, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 167, 206



226, 196, 255



206, 167, 206



97, 92, 102



85, 0, 166



20, 0, 38

Inverse Universe

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



206, 167, 186



255, 196, 225



167, 206, 206



102, 92, 97



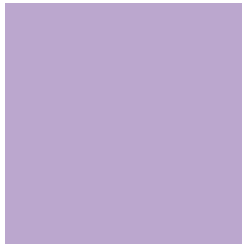
166, 0, 81



38, 0, 19

Previews

White Background



This preview shows how the RYB color 187, 167, 206 looks on a white background.

Color Contrast Check

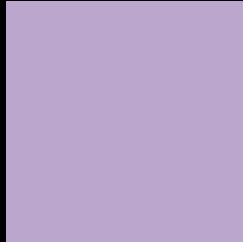
Large Text (above 18pt) WCAG AA × Fail

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 187, 167, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

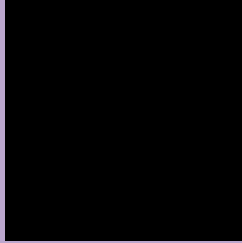
Any Text WCAG AA ✓ Pass

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 187, 167, 206 Background



This preview shows how black text looks on a background with the RYB color 187, 167, 206.



This preview shows how white text looks on a background with the RYB color 187, 167, 206.

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
187, 167, 206

Protanopia
167, 172, 210

Deuteranopia
177, 171, 205



Tritanopia
184, 171, 184

Trichromacy



Original Color
187, 167, 206

Protanomaly
174, 171, 209

Deuteranomaly
181, 170, 205

Tritanomaly
185, 170, 192

Monochromacy



Original Color
187, 167, 206

Achromatopsia
177, 177, 177

Achromatomaly
181, 173, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 167, 206 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(187, 167, 206)` looks like.

```
.text, #text, p{  
    color:rgb(187, 167, 206)  
}
```

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(187, 167, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 167, 206) }
```

Border

The CSS property to change the border of an element to RYB 187, 167, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

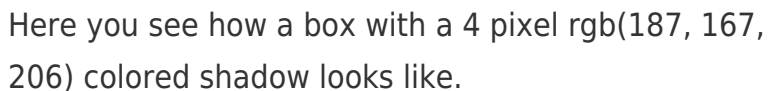
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 167, 206) }
```

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

```
.border{ border-color:rgb(187, 167, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 167, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 167, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 167, 206);  
box-shadow:4px 4px 4px 4px rgb(187, 167,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 187, 167, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 167, 206) }
```

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

```
.background{ background-color: rgb(187,  
167, 206) }
```

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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