

Converting Colors

`RYB(171, 167, 201)`

Have a look what the booklet for
RYB(171, 167, 201) contains.

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Color

R_YB(171, 167, 201)

Conversions

Conversions Part 1

Format	Color
Hex	ABA7C9
RGB	171, 167, 201
RGB Percent	67%, 65%, 79%
CMY	0.3294, 0.3451, 0.2118
CMYK	0.15, 0.17, 0.00, 0.21
HSL	247°, 24%, 72%
HSV	247°, 17%, 79%
XYZ	41.1559, 40.5124, 60.9089
YIQ	172.0720, -8.5300, 11.4220

Conversions

Conversions Part 2

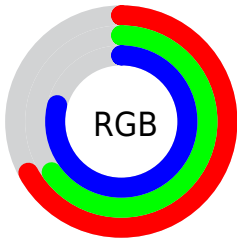
Format	Color
R_{YB}	171, 167, 201
Decimal	11249609
CIE _{Lab}	69.83, 8.30, -16.80
CIE _{LCh}	70, 18.742, 296.285
Yxy	40.5124, 0.2887, 0.2841
Android (android.graphics.Color)	4289439689 (0xFFABA7C9)
YUV	172.0720, 14.2615, -0.9401
Hunter-Lab	63.6494, 4.0324, -12.1827

Details

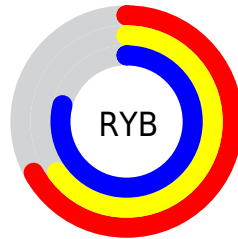
The RYB color **171, 167, 201** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **167, 201, 171**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **227, 222, 255**, and **118, 115, 147** is the 20% darker color. If you saturate the color by 10%, you get **153, 147, 201**, and if you desaturate by 10%, it is **189, 187, 201**.

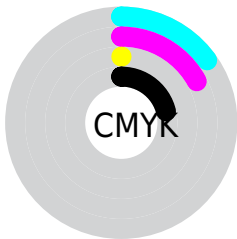
Distribution



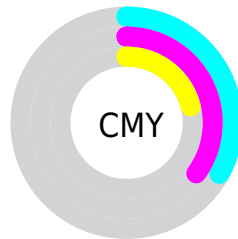
- Red (67%)
- Green (65%)
- Blue (79%)



- Red (67%)
- Yellow (65%)
- Blue (79%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (33%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 167, 201 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 171, 167, 201 by changing the saturation by 10% instead.

■ 171, 167, 201

255, 255, 255

■ 227, 222, 255

■ 255, 251, 255

■ 171, 167, 201

■ 144, 141, 174

■ 118, 115, 147

■ 94, 91, 121

■ 70, 67, 96

■ 47, 45, 72

■ 25, 24, 50

■ 1, 0, 29

■ 0, 0, 0

■ 171, 167, 201

■ 171, 167, 201

■ 153, 147, 201

■ 189, 187, 201

■ 136, 127, 201

■ 201, 207, 202

■ 118, 107, 201

■ 201, 227, 204

■ 100, 87, 201

■ 201, 247, 206

■ 82, 67, 201

■ 201, 255, 201

■ 65, 46, 201

■ 47, 26, 201

■ 29, 6, 201

■ 24, 0, 201

Harmonies

Analogous

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



149, 166, 204



171, 167, 201



191, 162, 190

Triad

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



171, 167, 201



200, 174, 143



132, 159, 180

Complementary

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



171, 167, 201



167, 201, 171

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.



148, 175, 178



171, 167, 201



163, 186, 137

Square

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



171, 167, 201



206, 159, 156



140, 174, 146



125, 154, 185

Rectangle

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



171, 167, 201



200, 159, 179



140, 174, 146



137, 164, 180

Sweetspot

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



171, 167, 201



244, 242, 255



167, 183, 201



121, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 167, 201



210, 204, 255



188, 167, 201



91, 90, 99



19, 0, 163



4, 0, 36

Inverse Universe

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



201, 167, 197



255, 204, 249



167, 201, 188



99, 90, 98



163, 0, 144



36, 0, 32

Previews

White Background



This preview shows how the RYB color 171, 167, 201 looks on a white background.

Color Contrast Check

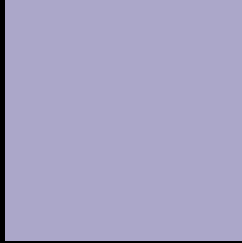
Large Text (above 18pt) WCAG AA × Fail

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 171, 167, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

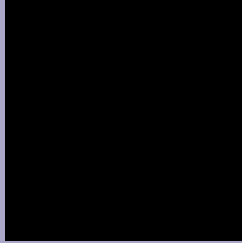
Any Text WCAG AA ✓ Pass

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 171, 167, 201 Background



This preview shows how black text looks on a background with the RYB color 171, 167, 201.



This preview shows how white text looks on a background with the RYB color 171, 167, 201.

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
171, 167, 201

Protanopia
164, 168, 202

Deuteranopia
172, 167, 201



Tritanopia
168, 170, 183

Trichromacy



Original Color

171, 167, 201

Protanomaly

167, 168, 202

Deuteranomaly

172, 167, 201

Tritanomaly

169, 169, 190

Monochromacy



Original Color

171, 167, 201

Achromatopsia

172, 172, 172

Achromatomaly

172, 170, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 167, 201 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(171, 167, 201)` looks like.

```
.text, #text, p{  
    color:rgb(171, 167, 201)  
}
```

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(171, 167, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 167, 201) }
```

Border

The CSS property to change the border of an element to RYB 171, 167, 201 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(171, 167, 201) }
```

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

```
.border{ border-color:rgb(171, 167, 201) }
```

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

Here you see how a box with a 4 pixel rgb(171, 167, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 167, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 167, 201);  
box-shadow:4px 4px 4px 4px rgb(171, 167,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 171, 167, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 167, 201) }
```

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

```
.background{ background-color: rgb(171,  
167, 201) }
```

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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