

Converting Colors

`RYB(169, 103, 175)`

Have a look what the booklet for
RYB(169, 103, 175) contains.

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Color

`RYB(169, 103, 175)`

Conversions

Conversions Part 1

Format	Color
Hex	A967AF
RGB	169, 103, 175
RGB Percent	66%, 40%, 69%
CMY	0.3373, 0.5961, 0.3137
CMYK	0.03, 0.41, 0.00, 0.31
HSL	295°, 31%, 55%
HSV	295°, 41%, 69%
XYZ	28.9503, 21.2307, 43.1295
YIQ	130.9420, 16.2240, 36.3840

Conversions

Conversions Part 2

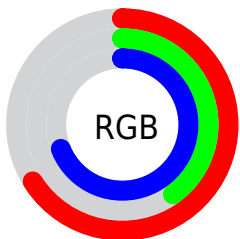
Format	Color
R_{YB}	169, 103, 175
Decimal	11102127
CIE _{Lab}	53.20, 38.13, -27.57
CIE _{LCh}	53, 47.057, 324.134
Yxy	21.2307, 0.3103, 0.2275
Android (android.graphics.Color)	4289292207 (0xFFA967AF)
YUV	130.9420, 21.7206, 33.3769
Hunter-Lab	46.0767, 31.5184, -23.2439

Details

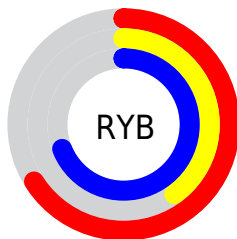
The RYB color **169, 103, 175** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **103, 175, 169**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **225, 156, 231**, and **115, 53, 122** is the 20% darker color. If you saturate the color by 10%, you get **168, 86, 175**, and if you desaturate by 10%, it is **170, 121, 175**.

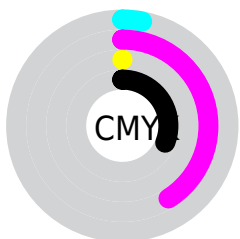
Distribution



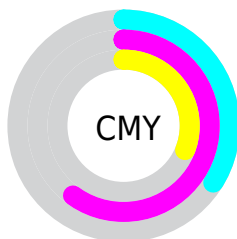
- Red (66%)
- Green (40%)
- Blue (69%)



- Red (66%)
- Yellow (40%)
- Blue (69%)



- Cyan (3%)
- Magenta (41%)
- Yellow (0%)
- Black (31%)



- Cyan (34%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 103, 175 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 169, 103, 175 by changing the saturation by 10% instead.

 169, 103, 175


255, 255, 255

 225, 156, 231

 255, 183, 255

 255, 211, 255

 255, 240, 255

 169, 103, 175

 142, 78, 148

 115, 53, 122

 90, 28, 97

 65, 0, 73

 42, 0, 50


 5, 0, 28

 0, 0, 0

 169, 103, 175


 168, 86, 175

 169, 103, 175


 170, 121, 175

 166, 68, 175

 172, 138, 175

 165, 51, 175

 173, 156, 175

 163, 33, 175

 175, 173, 175

 162, 16, 175

 175, 191, 190

 160, 0, 175

 175, 208, 205

 175, 226, 222

 175, 243, 237

 175, 255, 248

Harmonies

Analogous

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



115, 120, 201



169, 103, 175



197, 92, 137

Triad

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



169, 103, 175



90, 156, 42



0, 76, 159

Complementary

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



169, 103, 175



103, 175, 169

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.



0, 81, 146



169, 103, 175



48, 135, 66

Square

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



169, 103, 175



186, 133, 62



66, 133, 143



0, 82, 192

Rectangle

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



169, 103, 175



202, 91, 109



66, 133, 143



0, 74, 147

Sweetspot

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



169, 103, 175



225, 200, 227



103, 109, 175



113, 99, 115



242, 242, 242



115, 115, 115

Same Dimension

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



169, 103, 175



218, 116, 227



175, 103, 146



86, 78, 87



138, 0, 150



21, 0, 23

Inverse Universe

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



175, 103, 109



227, 116, 125



103, 154, 175



87, 78, 79



150, 0, 13



23, 0, 2

Previews

White Background



This preview shows how the RYB color 169, 103, 175 looks on a white background.

Color Contrast Check

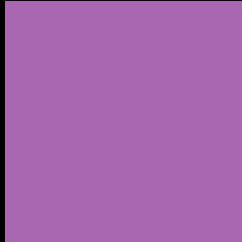
Large Text (above 18pt) WCAG AA ✓ Pass

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 169, 103, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

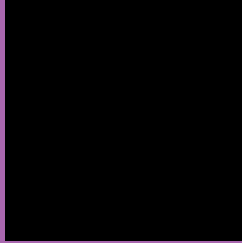
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 169, 103, 175 Background



This preview shows how black text looks on a background with the RYB color 169, 103, 175.

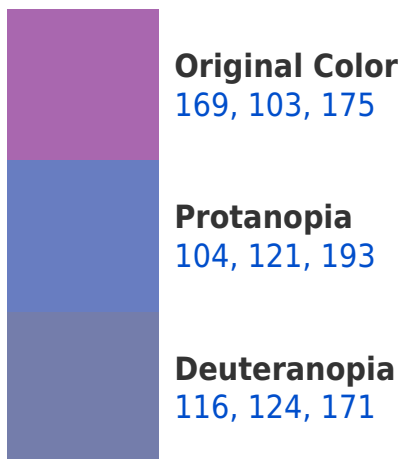


This preview shows how white text looks on a background with the RYB color 169, 103, 175.

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





Tritanopia
162, 114, 123

Trichromacy



Original Color
169, 103, 175

Protanomaly
128, 117, 186

Deuteranomaly
135, 118, 172

Tritanomaly
165, 110, 142

Monochromacy



Original Color
169, 103, 175

Achromatopsia
131, 131, 131

Achromatomaly
145, 121, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 103, 175 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(169, 103, 175)` looks like.

```
.text, #text, p{  
    color:rgb(169, 103, 175)  
}
```

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(169, 103, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 103, 175) }
```

Border

The CSS property to change the border of an element to RYB 169, 103, 175 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(169, 103, 175) }
```

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

```
.border{ border-color:rgb(169, 103, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 103, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 103, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 103, 175);  
box-shadow:4px 4px 4px 4px rgb(169, 103,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 169, 103, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 103, 175) }
```

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

```
.background{ background-color: rgb(169,  
103, 175) }
```

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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