

Converting Colors

`RYB(171, 117, 147)`

Have a look what the booklet for
RYB(171, 117, 147) contains.

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Color

R_YB(171, 117, 147)

Conversions

Conversions Part 1

Format	Color
Hex	AB7593
RGB	171, 117, 147
RGB Percent	67%, 46%, 58%
CMY	0.3294, 0.5412, 0.4235
CMYK	0.00, 0.32, 0.14, 0.33
HSL	327°, 24%, 56%
HSV	327°, 32%, 67%
XYZ	28.4223, 23.4871, 30.6392
YIQ	136.5660, 22.5540, 20.7780

Conversions

Conversions Part 2

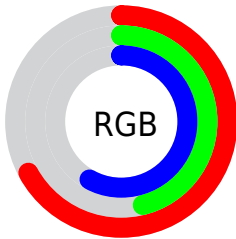
Format	Color
R_{YB}	171, 117, 147
Decimal	11236755
CIE _{Lab}	55.57, 25.86, -7.66
CIE _{LCh}	56, 26.974, 343.498
Yxy	23.4871, 0.3443, 0.2845
Android (android.graphics.Color)	4289426835 (0xFFAB7593)
YUV	136.5660, 5.1440, 30.1986
Hunter-Lab	48.4635, 19.8736, -3.5594

Details

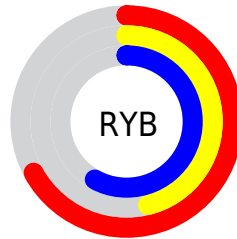
The RYB color **171, 117, 147** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **117, 154, 171**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **227, 170, 201**, and **118, 68, 96** is the 20% darker color. If you saturate the color by 10%, you get **171, 100, 139**, and if you desaturate by 10%, it is **171, 134, 155**.

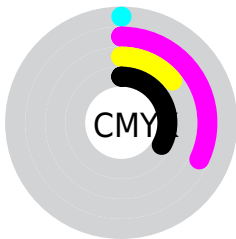
Distribution



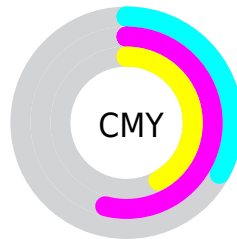
- Red (67%)
- Green (46%)
- Blue (58%)



- Red (67%)
- Yellow (46%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (14%)
- Black (33%)




- Cyan (33%)
- Magenta (54%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 117, 147 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, 117, 147 by changing the saturation by 10% instead.

 171, 117, 147

255, 255, 255

 227, 170, 201


 255, 197, 229

 255, 225, 255


255, 254, 255

 171, 117, 147

 171, 100, 139

 171, 117, 147

 144, 92, 121

 118, 68, 96


 92, 44, 73


 68, 22, 50


 45, 0, 29


 16, 0, 0


 0, 0, 0


 171, 117, 147


 171, 134, 155


 171, 83, 132


 171, 151, 162


 171, 66, 124


 171, 168, 170

 171, 49, 117

 171, 181, 185


 171, 31, 109

 171, 192, 202

 171, 14, 101

 171, 205, 220

 171, 0, 95

 171, 217, 237

 171, 228, 254

 171, 226, 255

Harmonies

Analogous

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



149, 123, 167



171, 117, 147



180, 116, 123

Triad

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



171, 117, 147



91, 139, 87



56, 105, 165

Complementary

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



171, 117, 147



117, 154, 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.



60, 104, 146



171, 117, 147



98, 141, 127

Square

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



171, 117, 147



153, 161, 89



85, 123, 145



82, 118, 177

Rectangle

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



171, 117, 147



178, 120, 108



85, 123, 145



53, 102, 158

Sweetspot

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



171, 117, 147



222, 202, 213



140, 117, 171



112, 100, 107



240, 240, 240



112, 112, 112

Same Dimension

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



171, 117, 147



222, 138, 184



171, 117, 121



87, 78, 83



150, 0, 84



23, 0, 13

Inverse Universe

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



171, 117, 147



222, 138, 184



117, 145, 171



87, 78, 83



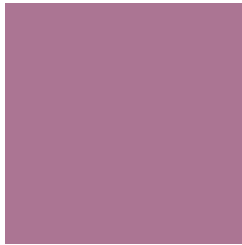
150, 0, 84



23, 0, 13

Previews

White Background



This preview shows how the RYB color 171, 117, 147 looks on a white background.

Color Contrast Check

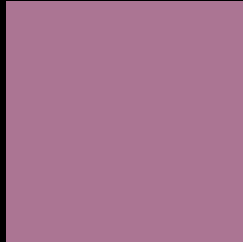
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 117, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

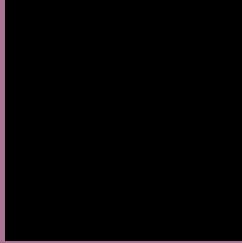
Any Text WCAG AA ✓ Pass

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 171, 117, 147 Background



This preview shows how black text looks on a background with the RYB color 171, 117, 147.

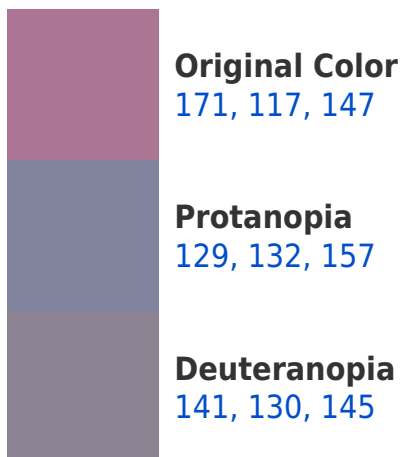


This preview shows how white text looks on a background with the RYB color 171, 117, 147.

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
169, 120, 129

Trichromacy



Original Color

171, 117, 147

Protanomaly

144, 127, 153

Deuteranomaly

152, 125, 146

Tritanomaly

170, 119, 136

Monochromacy



Original Color

171, 117, 147

Achromatopsia

137, 137, 137

Achromatomaly

149, 130, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 117, 147 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, 117, 147) looks like.

```
.text, #text, p{  
    color:rgb(171, 117, 147)  
}
```

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, 117, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 117, 147) }
```

Border

The CSS property to change the border of an element to RYB 171, 117, 147 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, 117, 147) }
```

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

```
.border{ border-color:rgb(171, 117, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 117, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 117, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 117, 147); box-shadow:4px 4px 4px 4px rgb(171, 117, 147) }
```

Background

The CSS property to change the background color of an element to RYB 171, 117, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 117, 147) }
```

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

```
.background{ background-color: rgb(171,  
117, 147) }
```

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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