

Converting Colors

`RYB(187, 147, 157)`

Have a look what the booklet for
RYB(187, 147, 157) contains.

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Color

R_YB(187, 147, 157)

Conversions

Conversions Part 1

Format	Color
Hex	BB939D
RGB	187, 147, 157
RGB Percent	73%, 58%, 62%
CMY	0.2667, 0.4235, 0.3843
CMYK	0.00, 0.21, 0.16, 0.27
HSL	345°, 23%, 65%
HSV	345°, 21%, 73%
XYZ	37.0130, 33.8666, 36.4844
YIQ	160.1000, 20.6300, 11.5900

Conversions

Conversions Part 2

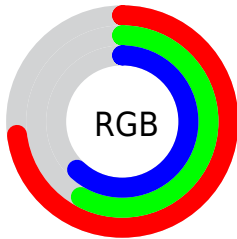
Format	Color
RYB	187, 147, 157
Decimal	12293021
CIELab	64.86, 16.61, 0.49
CIElCh	65, 16.613, 1.704
Yxy	33.8666, 0.3447, 0.3154
Android (android.graphics.Color)	4290483101 (0xFFBB939D)
YUV	160.1000, -1.5283, 23.5913
Hunter-Lab	58.1950, 11.6880, 3.5656

Details

The RYB color **187, 147, 157** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **147, 170, 187**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **244, 201, 211**, and **133, 96, 106** is the 20% darker color. If you saturate the color by 10%, you get **187, 128, 143**, and if you desaturate by 10%, it is **187, 166, 171**.

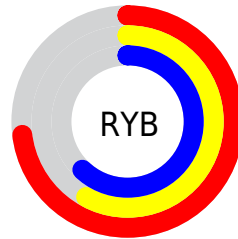
Distribution



Red (73%)

Green (58%)

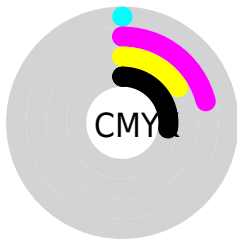
Blue (62%)



Red (73%)

Yellow (58%)

Blue (62%)

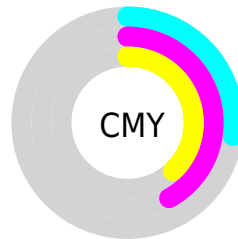


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 147, 157 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, 147, 157 by changing the saturation by 10% instead.


 187, 147, 157

255, 255, 255

 244, 201, 211

 255, 229, 240

 187, 147, 157

 160, 121, 131

 133, 96, 106


 108, 72, 82

 83, 49, 59


 59, 28, 37


 37, 5, 16

 0, 0, 0

 187, 147, 157

 187, 128, 143

 187, 147, 157

 187, 166, 171

■ 187, 110, 129

■ 187, 184, 185

■ 187, 91, 115

■ 187, 196, 203

■ 187, 72, 101

■ 187, 207, 222

■ 187, 54, 87

■ 187, 218, 241

■ 187, 35, 73

■ 187, 225, 255

■ 187, 16, 59

■ 187, 221, 255

■ 187, 0, 47

Harmonies

Analogous

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



178, 149, 172



187, 147, 157



188, 149, 142

Triad

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



187, 147, 157



132, 161, 141



125, 148, 183

Complementary

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



187, 147, 157



147, 170, 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.



118, 143, 172



187, 147, 157



135, 159, 165

Square

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



187, 147, 157



143, 168, 128



122, 146, 166



142, 154, 187

Rectangle

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



187, 147, 157



184, 157, 135



122, 146, 166



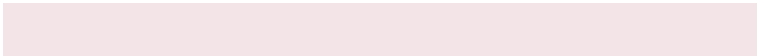
121, 146, 180

Sweetspot

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



187, 147, 157



242, 228, 231



177, 147, 187



122, 114, 116



250, 250, 250



122, 122, 122

Same Dimension

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



187, 147, 157



242, 179, 195



187, 159, 147



94, 85, 87



158, 0, 40



31, 0, 8

Inverse Universe

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



187, 147, 157



242, 179, 195



147, 164, 187



94, 85, 87



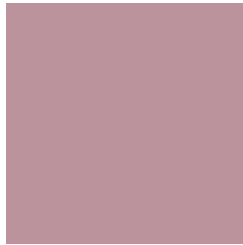
158, 0, 40



31, 0, 8

Previews

White Background



This preview shows how the RYB color 187, 147, 157 looks on a white background.

Color Contrast Check

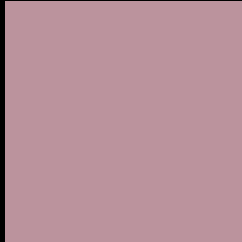
Large Text (above 18pt) WCAG AA × Fail

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, 147, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

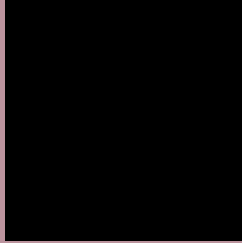
Any Text WCAG AA ✓ Pass

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](#).

RYP 187, 147, 157 Background



This preview shows how black text looks on a background with the RYP color 187, 147, 157.



This preview shows how white text looks on a background with the RYP color 187, 147, 157.

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, 147, 157

Protanopia

159, 157, 163

Deuteranopia

173, 152, 156



Tritanopia
187, 147, 158

Trichromacy



Original Color
187, 147, 157

Protanomaly
169, 153, 161

Deuteranomaly
178, 150, 156

Tritanomaly
187, 147, 158

Monochromacy



Original Color
187, 147, 157

Achromatopsia
160, 160, 160

Achromatomaly
170, 155, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 147, 157 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, 147, 157)` looks like.

```
.text, #text, p{  
    color:rgb(187, 147, 157)  
}
```

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, 147, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 147, 157) }
```

Border

The CSS property to change the border of an element to RYB 187, 147, 157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

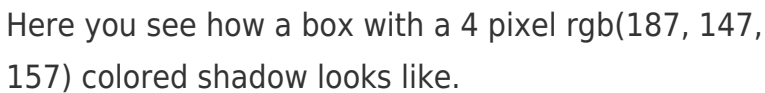
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 147, 157) }
```

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

```
.border{ border-color:rgb(187, 147, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 147, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 147, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 147, 157); box-shadow:4px 4px 4px 4px rgb(187, 147, 157) }
```

Background

The CSS property to change the background color of an element to RYB 187, 147, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 147, 157) }
```

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

```
.background{ background-color: rgb(187,  
147, 157) }
```

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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