

Converting Colors

`RYB(191, 147, 155)`

Have a look what the booklet for
RYB(191, 147, 155) contains.

RYB(191, 147, 155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(191, 147, 155)

Conversions

Conversions Part 1

Format	Color
Hex	BF939B
RGB	191, 147, 155
RGB Percent	75%, 58%, 61%
CMY	0.2510, 0.4235, 0.3922
CMYK	0.00, 0.23, 0.19, 0.25
HSL	349°, 26%, 66%
HSV	349°, 23%, 75%
XYZ	37.8360, 34.3104, 35.6387
YIQ	161.0680, 23.6560, 11.8160

Conversions

Conversions Part 2

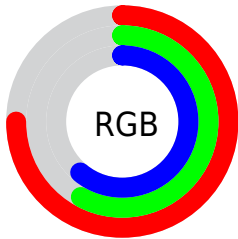
Format	Color
R_{YB}	191, 147, 155
Decimal	12555163
CIE _{Lab}	65.21, 17.78, 2.18
CIE _{LCh}	65, 17.910, 6.997
Y _{xy}	34.3104, 0.3510, 0.3183
Android (android.graphics.Color)	4290745243 (0xFFBF939B)
YUV	161.0680, -2.9915, 26.2504
Hunter-Lab	58.5750, 12.7940, 4.9288

Details

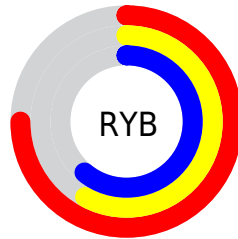
The RYB color **191, 147, 155** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **147, 171, 191**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **248, 201, 209**, and **137, 96, 104** is the 20% darker color. If you saturate the color by 10%, you get **191, 128, 139**, and if you desaturate by 10%, it is **191, 166, 171**.

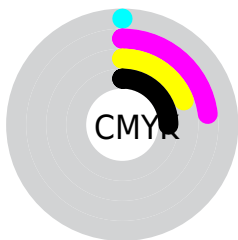
Distribution



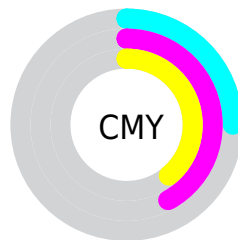
- Red (75%)
- Green (58%)
- Blue (61%)



- Red (75%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (19%)
- Black (25%)




- Cyan (25%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 147, 155 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 191, 147, 155 by changing the saturation by 10% instead.


 191, 147, 155

255, 255, 255


 248, 201, 209

 255, 229, 238

 191, 147, 155

 164, 121, 129

 137, 96, 104


 111, 72, 80


 86, 49, 57


 62, 27, 36


 40, 5, 14


 0, 0, 0


 191, 147, 155


 191, 128, 139


 191, 147, 155


 191, 166, 171

 191, 109, 124

 191, 185, 186

 191, 90, 108


 191, 198, 204

 191, 71, 92


 191, 208, 223

 191, 51, 77

 191, 220, 243

 191, 32, 61

 191, 225, 255

 191, 13, 46

 191, 223, 255

 191, 0, 35

Harmonies

Analogous

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



182, 149, 171



191, 147, 155



190, 151, 140

Triad

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



191, 147, 155



132, 163, 146



126, 149, 187

Complementary

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



191, 147, 155



147, 171, 191

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.



115, 143, 177



191, 147, 155



131, 156, 166

Square

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



191, 147, 155



139, 167, 127



118, 145, 168



145, 155, 190

Rectangle

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



191, 147, 155



185, 162, 132



118, 145, 168



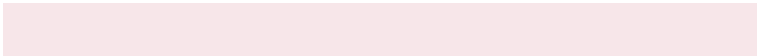
121, 147, 185

Sweetspot

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



191, 147, 155



247, 230, 233



183, 147, 191



125, 115, 117



252, 252, 252



125, 125, 125

Same Dimension

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



191, 147, 155



247, 178, 191



191, 168, 147



94, 85, 87



158, 0, 29



31, 0, 6

Inverse Universe

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



191, 147, 155



247, 178, 191



147, 165, 191



94, 85, 87



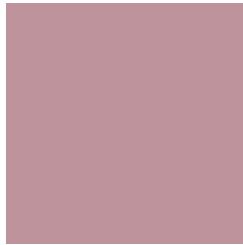
158, 0, 29



31, 0, 6

Previews

White Background



This preview shows how the RYB color 191, 147, 155 looks on a white background.

Color Contrast Check

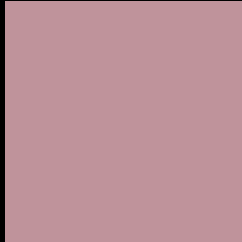
Large Text (above 18pt) WCAG AA × Fail

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 191, 147, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

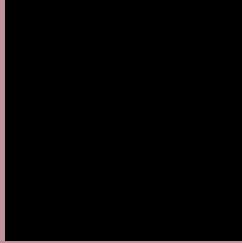
Any Text WCAG AA ✓ Pass

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 191, 147, 155 Background



This preview shows how black text looks on a background with the RYB color 191, 147, 155.



This preview shows how white text looks on a background with the RYB color 191, 147, 155.

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
191, 147, 155

Protanopia
161, 158, 161

Deuteranopia
176, 153, 154



Tritanopia
191, 147, 158

Trichromacy



Original Color

191, 147, 155

Protanomaly

172, 154, 159

Deuteranomaly

181, 151, 154

Tritanomaly

191, 147, 157

Monochromacy



Original Color

191, 147, 155

Achromatopsia

161, 161, 161

Achromatomaly

172, 156, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 147, 155 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(191, 147, 155)` looks like.

```
.text, #text, p{  
    color:rgb(191, 147, 155)  
}
```

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(191, 147, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 147, 155) }
```

Border

The CSS property to change the border of an element to RYB 191, 147, 155 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(191, 147, 155) }
```

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

```
.border{ border-color:rgb(191, 147, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 147, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 147, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 147, 155);  
box-shadow:4px 4px 4px 4px rgb(191, 147,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 191, 147, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 147, 155) }
```

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

```
.background{ background-color: rgb(191,  
147, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor