

Converting Colors

`RYB(203, 147, 151)`

Have a look what the booklet for
RYB(203, 147, 151) contains.

RYB(203, 147, 151)	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

R_YB(203, 147, 151)

Conversions

Conversions Part 1

Format	Color
Hex	CB9397
RGB	203, 147, 151
RGB Percent	80%, 58%, 59%
CMY	0.2039, 0.4235, 0.4078
CMYK	0.00, 0.28, 0.26, 0.20
HSL	356°, 35%, 69%
HSV	356°, 28%, 80%
XYZ	40.6482, 35.7983, 34.0455
YIQ	164.2000, 32.0920, 13.1160

Conversions

Conversions Part 2

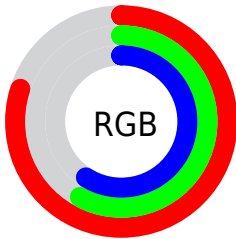
Format	Color
R_{YB}	203, 147, 151
Decimal	13341591
CIE _{Lab}	66.37, 21.68, 6.26
CIE _{LCh}	66, 22.570, 16.110
Yxy	35.7983, 0.3679, 0.3240
Android (android.graphics.Color)	4291531671 (0xFFCB9397)
YUV	164.2000, -6.5076, 34.0276
Hunter-Lab	59.8317, 16.5632, 8.1449

Details

The RYB color **203, 147, 151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **147, 176, 203**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 201, 205**, and **148, 96, 100** is the 20% darker color. If you saturate the color by 10%, you get **203, 127, 132**, and if you desaturate by 10%, it is **203, 167, 170**.

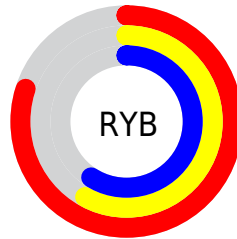
Distribution



Red (80%)

Green (58%)

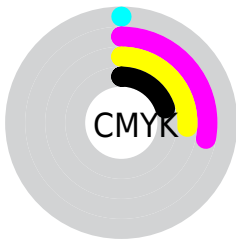
Blue (59%)



Red (80%)

Yellow (58%)

Blue (59%)

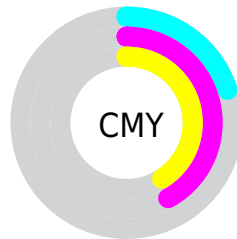


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (20%)



Cyan (20%)

Magenta (42%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RYB color 203, 147, 151 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 203, 147, 151 by changing the saturation by 10% instead.

 203, 147, 151

 203, 147, 151


255, 255, 255

 175, 121, 125

 255, 201, 205

 148, 96, 100

 255, 230, 233

 121, 72, 76

 95, 49, 54

 70, 26, 33

 47, 4, 9

 15, 0, 0

 0, 0, 0

 203, 147, 151


 203, 147, 151

 203, 127, 132


 203, 167, 170

 203, 106, 113

 203, 188, 189

 203, 86, 94

 203, 206, 208

 203, 66, 76

 203, 216, 228

 203, 46, 57

 203, 227, 249

 203, 25, 38

 203, 229, 255

 203, 5, 19

 203, 0, 14

Harmonies

Analogous

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



196, 148, 172



203, 147, 151



199, 158, 133

Triad

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



203, 147, 151



133, 169, 160



125, 152, 200

Complementary

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



203, 147, 151



147, 176, 203

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.



106, 143, 190



203, 147, 151



120, 153, 172

Square

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



203, 147, 151



123, 165, 122



105, 139, 173



152, 158, 200

Rectangle

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



203, 147, 151



191, 180, 125



105, 139, 173



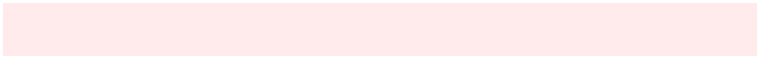
117, 148, 198

Sweetspot

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



203, 147, 151



255, 235, 236



198, 147, 203



128, 115, 116



0, 0, 0



128, 128, 128

Same Dimension

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



203, 147, 151



255, 171, 177



203, 186, 147



102, 92, 93



166, 0, 12



38, 0, 3

Inverse Universe

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



203, 147, 151



255, 171, 177



147, 168, 203



102, 92, 93



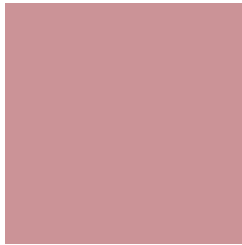
166, 0, 12



38, 0, 3

Previews

White Background



This preview shows how the RYB color 203, 147, 151 looks on a white background.

Color Contrast Check

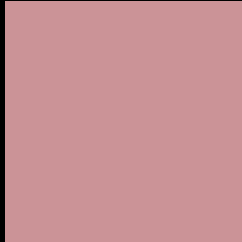
Large Text (above 18pt) WCAG AA × Fail

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 203, 147, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

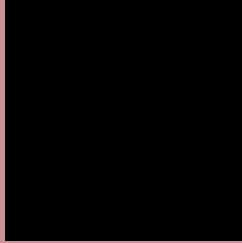
Any Text WCAG AA ✓ Pass

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](#).

R Y B 203, 147, 151 Background



This preview shows how black text looks on a background with the R Y B color 203, 147, 151.



This preview shows how white text looks on a background with the R Y B color 203, 147, 151.

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
203, 147, 151

Protanopia
165, 162, 159

Deuteranopia
182, 158, 149



Tritanopia
204, 146, 157

Trichromacy



Original Color

203, 147, 151

Protanomaly

179, 156, 156

Deuteranomaly

190, 153, 150

Tritanomaly

204, 146, 155

Monochromacy



Original Color

203, 147, 151

Achromatopsia

164, 164, 164

Achromatomaly

178, 158, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 147, 151 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(203, 147, 151) looks like.

```
.text, #text, p{  
    color:rgb(203, 147, 151)  
}
```

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(203, 147, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 147, 151) }
```

Border

The CSS property to change the border of an element to RYB 203, 147, 151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

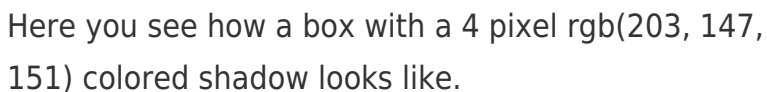
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 147, 151) }
```

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

```
.border{ border-color:rgb(203, 147, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 147, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 147, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 147, 151);  
box-shadow:4px 4px 4px 4px rgb(203, 147,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 203, 147, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 147, 151) }
```

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

```
.background{ background-color: rgb(203,  
147, 151) }
```

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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