

Converting Colors

`RYB(203, 151, 178)`

Have a look what the booklet for
RYB(203, 151, 178) contains.

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Color

R_YB(203, 151, 178)

Conversions

Conversions Part 1

Format	Color
Hex	CB97B2
RGB	203, 151, 178
RGB Percent	80%, 59%, 70%
CMY	0.2039, 0.4078, 0.3020
CMYK	0.00, 0.26, 0.12, 0.20
HSL	329°, 33%, 69%
HSV	329°, 26%, 80%
XYZ	43.7311, 38.0441, 47.1578
YIQ	169.6260, 22.3250, 19.4210

Conversions

Conversions Part 2

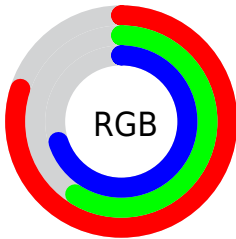
Format	Color
R_{YB}	203, 151, 178
Decimal	13342642
CIE _{Lab}	68.05, 23.70, -6.40
CIE _{LCh}	68, 24.551, 344.889
Yxy	38.0441, 0.3392, 0.2951
Android (android.graphics.Color)	4291532722 (0xFFC997B2)
YUV	169.6260, 4.1284, 29.2690
Hunter-Lab	61.6799, 18.6169, -2.1547

Details

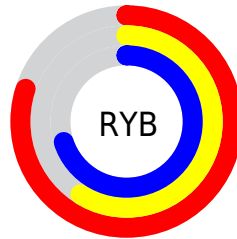
The RYB color **203, 151, 178** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **151, 186, 203**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 206, 234**, and **148, 100, 125** is the 20% darker color. If you saturate the color by 10%, you get **203, 131, 168**, and if you desaturate by 10%, it is **203, 171, 188**.

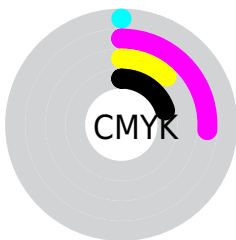
Distribution



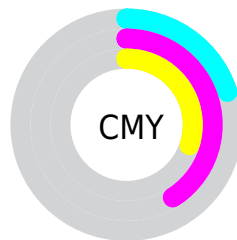
- Red (80%)
- Green (59%)
- Blue (70%)



- Red (80%)
- Yellow (59%)
- Blue (70%)



- Cyan (0%)
- Magenta (26%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 151, 178 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, 151, 178 by changing the saturation by 10% instead.


 203, 151, 178

 203, 151, 178

255, 255, 255

 175, 125, 151

 255, 206, 234

 148, 100, 125

 255, 234, 255

 122, 75, 100

 96, 52, 77

 72, 29, 54

 48, 7, 33

 27, 0, 8


 0, 0, 0


 203, 151, 178


 203, 151, 178

 203, 131, 168


 203, 171, 188

 203, 110, 158


 203, 192, 198

 203, 90, 149


 203, 209, 212

 203, 70, 139

 203, 223, 232

 203, 50, 129

 203, 237, 253

 203, 29, 119

 203, 234, 255

 203, 9, 110

 203, 231, 255

 203, 0, 105

 203, 229, 255

Harmonies

Analogous

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



183, 156, 197



203, 151, 178



211, 150, 155

Triad

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



203, 151, 178



126, 171, 123



103, 144, 196

Complementary

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



203, 151, 178



151, 186, 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.



103, 141, 178



203, 151, 178



134, 174, 162

Square

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



203, 151, 178



181, 192, 124



121, 157, 178



124, 154, 208

Rectangle

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



203, 151, 178



210, 154, 142



121, 157, 178



101, 142, 190

Sweetspot

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



203, 151, 178



255, 235, 245



175, 151, 203



128, 115, 121



0, 0, 0



128, 128, 128

Same Dimension

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



203, 151, 178



255, 176, 217



203, 151, 153



102, 92, 97



166, 0, 86



38, 0, 20

Inverse Universe

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



203, 151, 178



255, 176, 217



151, 178, 203



102, 92, 97



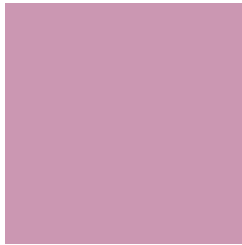
166, 0, 86



38, 0, 20

Previews

White Background



This preview shows how the RYB color 203, 151, 178 looks on a white background.

Color Contrast Check

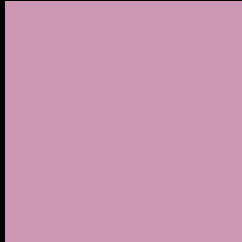
Large Text (above 18pt) WCAG AA × Fail

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, 151, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

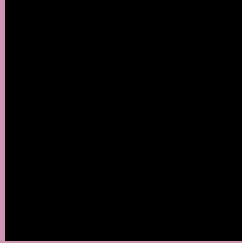
Any Text WCAG AA ✓ Pass

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 203, 151, 178 Background



This preview shows how black text looks on a background with the RYB color 203, 151, 178.



This preview shows how white text looks on a background with the RYB color 203, 151, 178.

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, 151, 178

Protanopia
163, 165, 187

Deuteranopia
178, 161, 176



Tritanopia
201, 153, 165

Trichromacy



Original Color
203, 151, 178

Protanomaly
178, 160, 184

Deuteranomaly
187, 157, 177

Tritanomaly
202, 152, 170

Monochromacy



Original Color
203, 151, 178

Achromatopsia
170, 170, 170

Achromatomaly
182, 163, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 151, 178 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, 151, 178) looks like.

```
.text, #text, p{  
    color:rgb(203, 151, 178)  
}
```

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, 151, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 151, 178) }
```

Border

The CSS property to change the border of an element to RYB 203, 151, 178 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, 151, 178) }
```

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

```
.border{ border-color:rgb(203, 151, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 151, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 151, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 151, 178); box-shadow:4px 4px 4px 4px rgb(203, 151, 178) }
```

Background

The CSS property to change the background color of an element to RGB 203, 151, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 151, 178) }
```

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

```
.background{ background-color: rgb(203,  
151, 178) }
```

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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