

Converting Colors

`RYB(183, 151, 192)`

Have a look what the booklet for RYB(183, 151, 192) contains.

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Color

R_YB(183, 151, 192)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B797C0 |
| RGB | 183, 151, 192 |
| RGB Percent | 72%, 59%, 75% |
| CMY | 0.2824, 0.4078, 0.2471 |
| CMYK | 0.05, 0.21, 0.00, 0.25 |
| HSL | 287°, 25%, 67% |
| HSV | 287°, 21%, 75% |
| XYZ | 40.1095, 36.0063, 54.7051 |
| YIQ | 165.2420, 5.9110, 19.5350 |

Conversions

Conversions Part 2

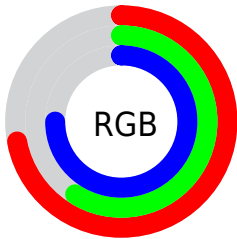
| Format | Color |
|-------------------------------------|--|
| RYB | 183, 151, 192 |
| Decimal | 12031936 |
| CIELab | 66.52, 19.33, -16.71 |
| CIELCh | 67, 25.550, 319.149 |
| Yxy | 36.0063, 0.3066, 0.2752 |
| Android (android.graphics.Color) | 4290222016 (0xFFB797C0) |
| YUV | 165.2420, 13.1917, 15.5738 |
| Hunter-Lab | 60.0052, 14.3062, -12.0494 |

Details

The RYB color **183, 151, 192** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **151, 192, 183**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **239, 205, 248**, and **130, 100, 138** is the 20% darker color. If you saturate the color by 10%, you get **179, 132, 192**, and if you desaturate by 10%, it is **187, 170, 192**.

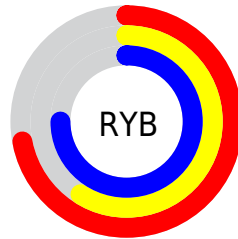
Distribution



Red (72%)

Green (59%)

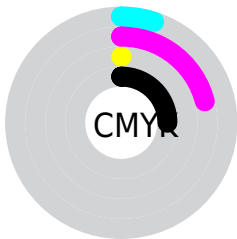
Blue (75%)



Red (72%)

Yellow (59%)

Blue (75%)

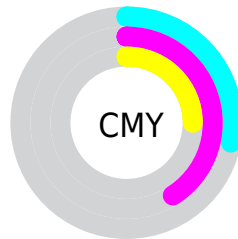


Cyan (5%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (28%)

Magenta (41%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 151, 192 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 183, 151, 192 by changing the saturation by 10% instead.


 183, 151, 192


255, 255, 255

 239, 205, 248

 255, 234, 255

 183, 151, 192

 156, 125, 165

 130, 100, 138

 104, 76, 113

 80, 53, 88

 56, 31, 65

 34, 10, 43

 0, 0, 22

 0, 0, 0


 183, 151, 192


 183, 151, 192

 179, 132, 192


 187, 170, 192

 175, 113, 192

 191, 189, 192

 170, 93, 192


 192, 209, 205

 166, 74, 192


 192, 228, 220

 162, 55, 192

 192, 247, 235

 158, 36, 192

 192, 255, 239

 153, 17, 192

 192, 255, 234

 150, 0, 192

 192, 255, 230

 192, 255, 226

Harmonies

Analogous

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



154, 159, 205



183, 151, 192



202, 146, 171

Triad

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



183, 151, 192



167, 186, 117



94, 135, 176

Complementary

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



183, 151, 192



151, 192, 183

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.



112, 150, 174



183, 151, 192



118, 165, 120

Square

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



183, 151, 192



202, 159, 128



131, 171, 165



97, 140, 196

Rectangle

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



183, 151, 192



208, 145, 155



131, 171, 165



98, 138, 175

Sweetspot

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



183, 151, 192



247, 235, 250



151, 159, 192



123, 116, 125



252, 252, 252



125, 125, 125

Same Dimension

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



183, 151, 192



236, 185, 250



192, 151, 181



95, 87, 97



125, 0, 161



26, 0, 33

Inverse Universe

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



192, 151, 160



250, 185, 199



151, 183, 192



97, 87, 89



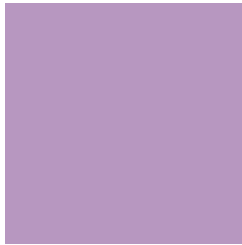
161, 0, 35



33, 0, 7

Previews

White Background



This preview shows how the RYB color 183, 151, 192 looks on a white background.

Color Contrast Check

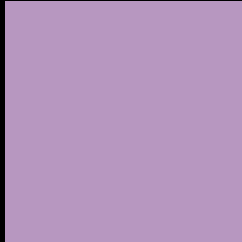
Large Text (above 18pt) WCAG AA × Fail

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 183, 151, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

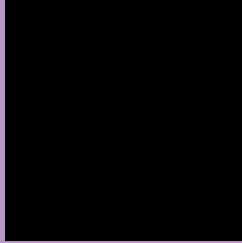
Any Text WCAG AA ✓ Pass

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 183, 151, 192 Background



This preview shows how black text looks on a background with the RYB color 183, 151, 192.



This preview shows how white text looks on a background with the RYB color 183, 151, 192.

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
183, 151, 192

Protanopia
153, 159, 198

Deuteranopia
164, 158, 191



Tritanopia
179, 155, 168

Trichromacy



Original Color
183, 151, 192

Protanomaly
164, 157, 196

Deuteranomaly
171, 155, 191

Tritanomaly
180, 154, 177

Monochromacy



Original Color
183, 151, 192

Achromatopsia
165, 165, 165

Achromatomaly
172, 160, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 151, 192 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(183, 151, 192)` looks like.

```
.text, #text, p{  
    color:rgb(183, 151, 192)  
}
```

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(183, 151, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 151, 192) }
```

Border

The CSS property to change the border of an element to RYB 183, 151, 192 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(183, 151, 192) }
```

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

```
.border{ border-color:rgb(183, 151, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 151, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 151, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 151, 192);  
box-shadow:4px 4px 4px 4px rgb(183, 151,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 183, 151, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 151, 192) }
```

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

```
.background{ background-color: rgb(183,  
151, 192) }
```

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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