

Converting Colors

`RYB(191, 132, 171)`

Have a look what the booklet for
RYB(191, 132, 171) contains.

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Color

R_YB(191, 132, 171)

Conversions

Conversions Part 1

Format	Color
Hex	BF84AB
RGB	191, 132, 171
RGB Percent	75%, 52%, 67%
CMY	0.2510, 0.4824, 0.3294
CMYK	0.00, 0.31, 0.10, 0.25
HSL	320°, 32%, 63%
HSV	320°, 31%, 75%
XYZ	37.0878, 30.5192, 42.4641
YIQ	154.0870, 22.6450, 24.6370

Conversions

Conversions Part 2

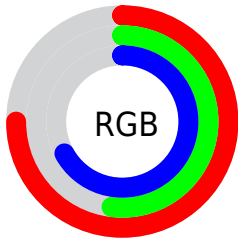
Format	Color
RYB	191, 132, 171
Decimal	12551339
CIELab	62.10, 28.73, -11.47
CIElCh	62, 30.939, 338.243
Yxy	30.5192, 0.3369, 0.2773
Android (android.graphics.Color)	4290741419 (0xFFBF84AB)
YUV	154.0870, 8.3381, 32.3727
Hunter-Lab	55.2442, 23.1575, -6.9031

Details

The RYB color **191, 132, 171** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **132, 176, 191**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **248, 186, 226**, and **137, 81, 119** is the 20% darker color. If you saturate the color by 10%, you get **191, 113, 165**, and if you desaturate by 10%, it is **191, 151, 177**.

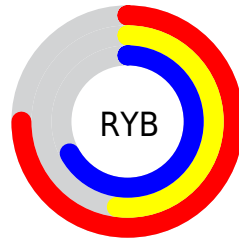
Distribution



Red (75%)

Green (52%)

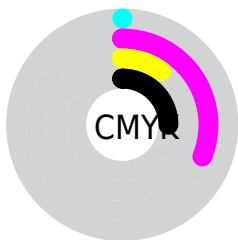
Blue (67%)



Red (75%)

Yellow (52%)

Blue (67%)

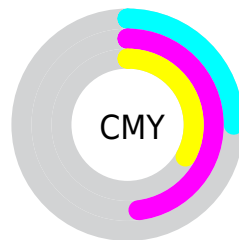


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (48%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 132, 171 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, 132, 171 by changing the saturation by 10% instead.


 191, 132, 171


255, 255, 255

 248, 186, 226

 255, 214, 255

 255, 242, 255


 191, 132, 171

 163, 106, 144

 137, 81, 119


 111, 57, 94


 85, 34, 70

 61, 10, 48


 40, 0, 27

 0, 0, 0

 191, 132, 171

 191, 113, 165

 191, 132, 171

 191, 151, 177

191, 94, 158

191, 170, 184

191, 75, 152

191, 189, 190

191, 56, 145

191, 204, 208

191, 37, 139

191, 219, 228

191, 17, 132

191, 233, 247

191, 0, 126

191, 237, 255

191, 234, 255

191, 231, 255

Harmonies

Analogous

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



163, 140, 193



191, 132, 171



204, 129, 143

Triad

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



191, 132, 171



107, 161, 95



52, 112, 183

Complementary

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



191, 132, 171



132, 176, 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.



66, 118, 165



191, 132, 171



106, 159, 134

Square

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



191, 132, 171



186, 182, 100



98, 142, 163



81, 128, 200

Rectangle

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



191, 132, 171



204, 131, 125



98, 142, 163



52, 111, 175

Sweetspot

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



191, 132, 171



247, 225, 240



152, 132, 191



125, 111, 120



252, 252, 252



125, 125, 125

Same Dimension

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



191, 132, 171



247, 156, 216



191, 132, 142



94, 85, 91



158, 0, 105



31, 0, 20

Inverse Universe

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



191, 132, 171



247, 156, 216



132, 164, 191



94, 85, 91



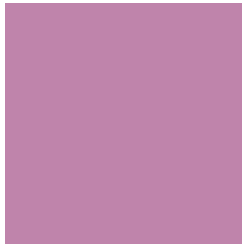
158, 0, 105



31, 0, 20

Previews

White Background



This preview shows how the RYB color 191, 132, 171 looks on a white background.

Color Contrast Check

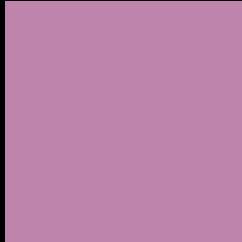
Large Text (above 18pt) WCAG AA × Fail

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, 132, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

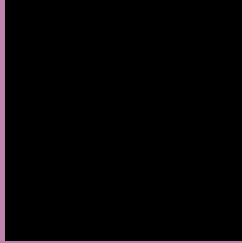
Any Text WCAG AA ✓ Pass

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, 132, 171 Background



This preview shows how black text looks on a background with the RYB color 191, 132, 171.

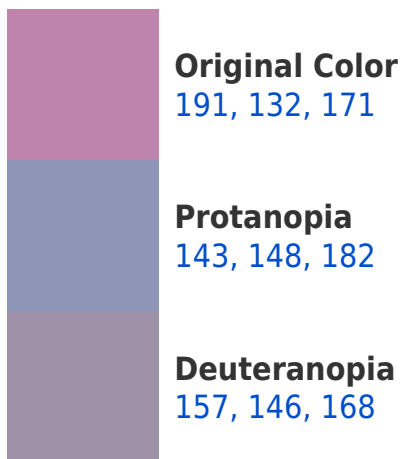


This preview shows how white text looks on a background with the RYB color 191, 132, 171.

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





Tritanopia
188, 136, 147

Trichromacy



Original Color
191, 132, 171

Protanomaly
160, 143, 178

Deuteranomaly
169, 141, 169

Tritanomaly
189, 135, 156

Monochromacy



Original Color
191, 132, 171

Achromatopsia
154, 154, 154

Achromatomaly
167, 146, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 132, 171 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, 132, 171)` looks like.

```
.text, #text, p{  
    color:rgb(191, 132, 171)  
}
```

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, 132, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 132, 171) }
```

Border

The CSS property to change the border of an element to RYB 191, 132, 171 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, 132, 171) }
```

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

```
.border{ border-color:rgb(191, 132, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 132, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 132, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 132, 171);  
box-shadow:4px 4px 4px 4px rgb(191, 132,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 191, 132, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 132, 171) }
```

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

```
.background{ background-color: rgb(191,  
132, 171) }
```

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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