

Converting Colors

`RYB(223, 167, 202)`

Have a look what the booklet for
RYB(223, 167, 202) contains.

RYB(223, 167, 202)	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(223, 167, 202)

Conversions

Conversions Part 1

Format	Color
Hex	DFA7CA
RGB	223, 167, 202
RGB Percent	87%, 65%, 79%
CMY	0.1255, 0.3451, 0.2078
CMYK	0.00, 0.25, 0.09, 0.13
HSL	322°, 47%, 76%
HSV	322°, 25%, 87%
XYZ	54.9108, 47.5897, 62.1687
YIQ	187.7340, 22.1410, 22.7570

Conversions

Conversions Part 2

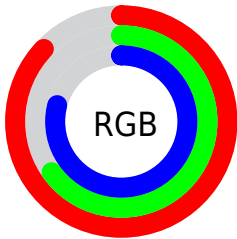
Format	Color
R _Y B	223, 167, 202
Decimal	14657482
CIE Lab	74.57, 26.06, -9.77
CIE LCh	75, 27.835, 339.444
Yxy	47.5897, 0.3335, 0.2890
Android (android.graphics.Color)	4292847562 (0xFFDFA7CA)
YUV	187.7340, 7.0331, 30.9283
Hunter-Lab	68.9853, 21.3580, -5.1418

Details

The RYB color **223, 167, 202** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167, 208, 223**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 223, 255**, and **167, 114, 148** is the 20% darker color. If you saturate the color by 10%, you get **223, 145, 194**, and if you desaturate by 10%, it is **223, 189, 210**.

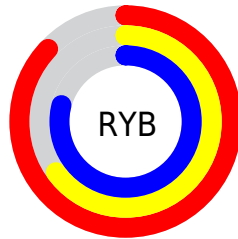
Distribution



Red (87%)

Green (65%)

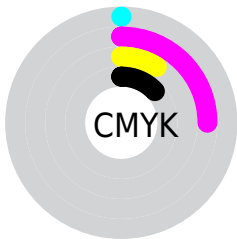
Blue (79%)



Red (87%)

Yellow (65%)

Blue (79%)

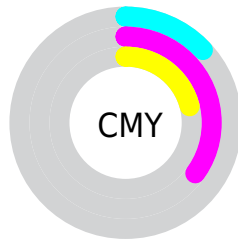


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 167, 202 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 223, 167, 202 by changing the saturation by 10% instead.

 223, 167, 202

255, 255, 255

 255, 223, 255

 255, 251, 255

 223, 167, 202

 195, 140, 175

 167, 114, 148

 140, 89, 122

 114, 65, 97

 89, 42, 74

 65, 19, 51

 42, 0, 30

 6, 0, 1

 0, 0, 0

 223, 167, 202

 223, 167, 202

 223, 145, 194


 223, 189, 210

 223, 122, 185


 223, 212, 219

 223, 100, 177


 223, 231, 234

 223, 78, 169


 223, 246, 255

 223, 55, 160

 223, 242, 255

 223, 33, 152

 223, 240, 255

 223, 11, 143

 223, 239, 255

 223, 0, 139

Harmonies

Analogous

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



198, 174, 223



223, 167, 202



235, 165, 176

Triad

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



223, 167, 202



145, 194, 133



108, 156, 215

Complementary

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



223, 167, 202



167, 208, 223

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.



113, 157, 198



223, 167, 202



143, 192, 170

Square

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



223, 167, 202



218, 214, 136



136, 176, 196



128, 167, 231

Rectangle

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



223, 167, 202



235, 168, 159



136, 176, 196



106, 154, 208

Sweetspot

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



223, 167, 202



255, 235, 247



188, 167, 223



128, 115, 123



0, 0, 0



128, 128, 128

Same Dimension

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



223, 167, 202



255, 179, 226



223, 167, 174



112, 101, 108



176, 0, 110



48, 0, 30

Inverse Universe

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



223, 167, 202



255, 179, 226



167, 197, 223



112, 101, 108



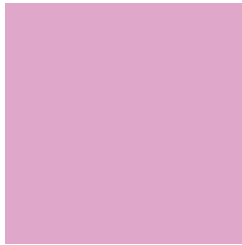
176, 0, 110



48, 0, 30

Previews

White Background



This preview shows how the RYB color 223, 167, 202 looks on a white background.

Color Contrast Check

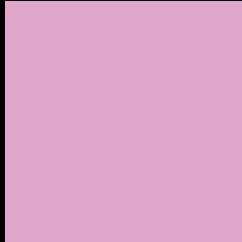
Large Text (above 18pt) WCAG AA × Fail

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 223, 167, 202 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 223, 167, 202 Background



This preview shows how black text looks on a background with the RYB color 223, 167, 202.



This preview shows how white text looks on a background with the RYB color 223, 167, 202.

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
223, 167, 202

Protanopia
179, 182, 212

Deuteranopia
194, 179, 200



Tritanopia
221, 170, 183

Trichromacy



Original Color
223, 167, 202

Protanomaly
195, 177, 208

Deuteranomaly
205, 175, 201

Tritanomaly
222, 169, 190

Monochromacy



Original Color
223, 167, 202

Achromatopsia
188, 188, 188

Achromatomaly
201, 180, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 167, 202 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(223, 167, 202)` looks like.

```
.text, #text, p{  
    color:rgb(223, 167, 202)  
}
```

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(223, 167, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 167, 202) }
```

Border

The CSS property to change the border of an element to RYB 223, 167, 202 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(223, 167, 202) }
```

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

```
.border{ border-color:rgb(223, 167, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 167, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 167, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 167, 202);  
box-shadow:4px 4px 4px 4px rgb(223, 167,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 223, 167, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 167, 202) }
```

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

```
.background{ background-color: rgb(223,  
167, 202) }
```

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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