

Converting Colors

`RYB(222, 151, 203)`

Have a look what the booklet for
RYB(222, 151, 203) contains.

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Color

R_YB(222, 151, 203)

Conversions

Conversions Part 1

Format	Color
Hex	DE97CB
RGB	222, 151, 203
RGB Percent	87%, 59%, 80%
CMY	0.1294, 0.4078, 0.2039
CMYK	0.00, 0.32, 0.09, 0.13
HSL	316°, 52%, 73%
HSV	316°, 32%, 87%
XYZ	51.9703, 41.9746, 61.8627
YIQ	178.1570, 25.6240, 31.2240

Conversions

Conversions Part 2

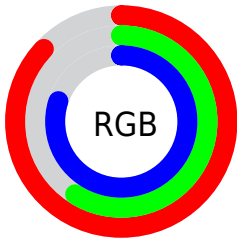
Format	Color
R _Y B	222, 151, 203
Decimal	14587851
CIE Lab	70.85, 34.49, -15.90
CIE LCh	71, 37.981, 335.251
Yxy	41.9746, 0.3336, 0.2694
Android (android.graphics.Color)	4292777931 (0xFFDE97CB)
YUV	178.1570, 12.2476, 38.4503
Hunter-Lab	64.7878, 29.8072, -11.2616

Details

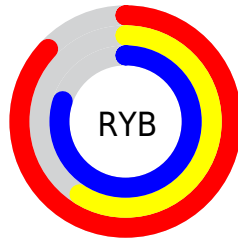
The RYB color **222, 151, 203** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **151, 207, 222**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 206, 255**, and **166, 99, 149** is the 20% darker color. If you saturate the color by 10%, you get **222, 129, 197**, and if you desaturate by 10%, it is **222, 173, 209**.

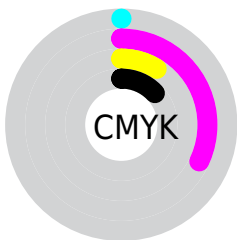
Distribution



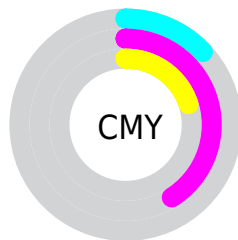
- Red (87%)
- Green (59%)
- Blue (80%)



- Red (87%)
- Yellow (59%)
- Blue (80%)



- Cyan (0%)
- Magenta (32%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 151, 203 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 222, 151, 203 by changing the saturation by 10% instead.


 222, 151, 203

255, 255, 255


 255, 206, 255

 255, 235, 255

 222, 151, 203

 194, 125, 176

 166, 99, 149

 139, 74, 123

 112, 50, 98

 87, 25, 74

 62, 0, 51

 42, 0, 31

 0, 0, 0

 222, 151, 203

 222, 151, 203

■ 222, 129, 197

■ 222, 173, 209

■ 222, 107, 191

■ 222, 195, 215

■ 222, 84, 185

■ 222, 218, 221

■ 222, 62, 179

■ 222, 236, 240

■ 222, 40, 173

■ 222, 247, 255

■ 222, 18, 167

■ 222, 244, 255

■ 222, 0, 163

■ 222, 241, 255

■ 222, 240, 255

■ 222, 239, 255

Harmonies

Analogous

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



185, 162, 230



222, 151, 203



240, 146, 169

Triad

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



222, 151, 203



125, 190, 104



24, 112, 212

Complementary

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



222, 151, 203



151, 207, 222

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.



63, 131, 192



222, 151, 203



116, 183, 146

Square

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



222, 151, 203



220, 203, 111



111, 166, 189



72, 139, 235

Rectangle

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



222, 151, 203



241, 148, 146



111, 166, 189



30, 113, 202

Sweetspot

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



222, 151, 203



255, 230, 248



170, 151, 222



128, 112, 123



0, 0, 0



128, 128, 128

Same Dimension

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



222, 151, 203



255, 158, 229



222, 151, 168



112, 101, 109



176, 0, 129



48, 0, 35

Inverse Universe

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



222, 151, 203



255, 158, 229



151, 191, 222



112, 101, 109



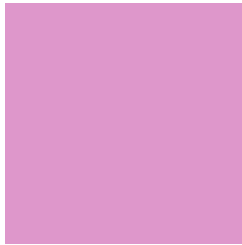
176, 0, 129



48, 0, 35

Previews

White Background



This preview shows how the RYB color 222, 151, 203 looks on a white background.

Color Contrast Check

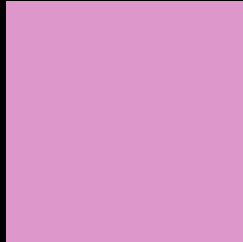
Large Text (above 18pt) WCAG AA × Fail

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 222, 151, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

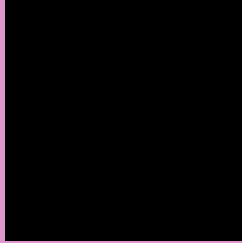
Any Text WCAG AA ✓ Pass

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 222, 151, 203 Background



This preview shows how black text looks on a background with the RYB color 222, 151, 203.



This preview shows how white text looks on a background with the RYB color 222, 151, 203.

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
222, 151, 203

Protanopia
163, 171, 217

Deuteranopia
178, 169, 200



Tritanopia
218, 157, 169

Trichromacy



Original Color

222, 151, 203



Protanomaly

184, 164, 212



Deuteranomaly

194, 162, 201



Tritanomaly

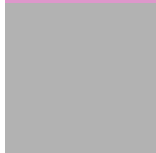
219, 155, 181

Monochromacy



Original Color

222, 151, 203



Achromatopsia

178, 178, 178



Achromatomaly

194, 168, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 151, 203 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(222, 151, 203) looks like.

```
.text, #text, p{  
    color:rgb(222, 151, 203)  
}
```

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(222, 151, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 151, 203) }
```

Border

The CSS property to change the border of an element to RYB 222, 151, 203 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(222, 151, 203) }
```

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

```
.border{ border-color:rgb(222, 151, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 151, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 151, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 151, 203);  
box-shadow:4px 4px 4px 4px rgb(222, 151,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 222, 151, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 151, 203) }
```

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

```
.background{ background-color: rgb(222,  
151, 203) }
```

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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