

Converting Colors

`RYB(234, 151, 200)`

Have a look what the booklet for
RYB(234, 151, 200) contains.

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Color

R_YB(234, 151, 200)

Conversions

Conversions Part 1

Format	Color
Hex	EA97C8
RGB	234, 151, 200
RGB Percent	92%, 59%, 78%
CMY	0.0824, 0.4078, 0.2157
CMYK	0.00, 0.35, 0.15, 0.08
HSL	325°, 66%, 75%
HSV	325°, 35%, 92%
XYZ	55.4236, 43.7958, 60.1759
YIQ	181.4030, 33.7390, 32.8350

Conversions

Conversions Part 2

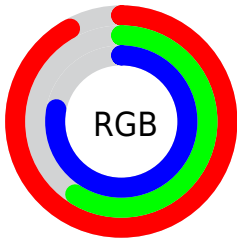
Format	Color
R _Y B	234, 151, 200
Decimal	15374280
CIE Lab	72.09, 38.02, -12.25
CIE LCh	72, 39.941, 342.145
Yxy	43.7958, 0.3477, 0.2748
Android (android.graphics.Color)	4293564360 (0xFFEA97C8)
YUV	181.4030, 9.1683, 46.1276
Hunter-Lab	66.1784, 33.6795, -7.5874

Details

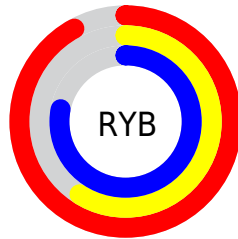
The RYB color **234, 151, 200** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **151, 210, 234**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 206, 255**, and **177, 98, 146** is the 20% darker color. If you saturate the color by 10%, you get **234, 128, 190**, and if you desaturate by 10%, it is **234, 174, 210**.

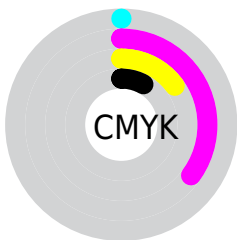
Distribution



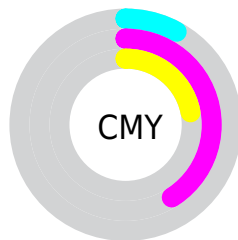
- Red (92%)
- Green (59%)
- Blue (78%)



- Red (92%)
- Yellow (59%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (8%)



- Cyan (8%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 151, 200 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 234, 151, 200 by changing the saturation by 10% instead.

 234, 151, 200

 234, 151, 200


255, 255, 255

 205, 124, 173

 255, 206, 255


 177, 98, 146

 255, 235, 255

 149, 73, 120

 122, 48, 95


 96, 22, 72

 71, 0, 49


 48, 0, 29

 10, 0, 0


 0, 0, 0


 234, 151, 200

 234, 151, 200

 234, 128, 190

 234, 174, 210

 234, 104, 181

 234, 198, 219

 234, 81, 171

 234, 221, 229

 234, 57, 162

 234, 242, 245

 234, 34, 152

 234, 247, 255

 234, 11, 142

 234, 245, 255

 234, 0, 138

Harmonies

Analogous

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



200, 162, 231



234, 151, 200



248, 148, 163

Triad

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



234, 151, 200



112, 186, 104



0, 104, 225

Complementary

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



234, 151, 200



151, 210, 234

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.



40, 119, 196



234, 151, 200



121, 189, 164

Square

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



234, 151, 200



206, 219, 108



99, 160, 195



82, 146, 245

Rectangle

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



234, 151, 200



246, 154, 140



99, 160, 195



0, 102, 214

Sweetspot

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



234, 151, 200



255, 227, 244



184, 151, 234



128, 111, 121



0, 0, 0



128, 128, 128

Same Dimension

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



234, 151, 200



255, 145, 210



234, 151, 159



117, 106, 112



181, 0, 107



54, 0, 32

Inverse Universe

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



234, 151, 200



255, 145, 210



151, 195, 234



117, 106, 112



181, 0, 107



54, 0, 32

Previews

White Background



This preview shows how the RYB color 234, 151, 200 looks on a white background.

Color Contrast Check

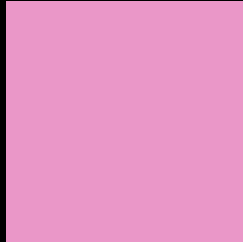
Large Text (above 18pt) WCAG AA × Fail

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 234, 151, 200 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 234, 151, 200 Background



This preview shows how black text looks on a background with the RYB color 234, 151, 200.



This preview shows how white text looks on a background with the RYB color 234, 151, 200.

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
234, 151, 200

Protanopia
168, 174, 216

Deuteranopia
186, 172, 196



Tritanopia
230, 157, 169

Trichromacy



Original Color

234, 151, 200



Protanomaly

192, 166, 210



Deuteranomaly

203, 164, 197



Tritanomaly

231, 155, 180

Monochromacy



Original Color

234, 151, 200



Achromatopsia

181, 181, 181



Achromatomaly

200, 170, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 151, 200 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(234, 151, 200) looks like.

```
.text, #text, p{  
    color:rgb(234, 151, 200)  
}
```

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(234, 151, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 151, 200) }
```

Border

The CSS property to change the border of an element to RYB 234, 151, 200 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(234, 151, 200) }
```

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

```
.border{ border-color:rgb(234, 151, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 151, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 151, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 151, 200);  
box-shadow:4px 4px 4px 4px rgb(234, 151,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 234, 151, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 151, 200) }
```

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

```
.background{ background-color: rgb(234,  
151, 200) }
```

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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