

Converting Colors

`RYB(234, 153, 173)`

Have a look what the booklet for
RYB(234, 153, 173) contains.

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Color

`RYB(234, 153, 173)`

Conversions

Conversions Part 1

Format	Color
Hex	EA99AD
RGB	234, 153, 173
RGB Percent	92%, 60%, 68%
CMY	0.0824, 0.4000, 0.3216
CMYK	0.00, 0.35, 0.26, 0.08
HSL	345°, 66%, 76%
HSV	345°, 35%, 92%
XYZ	52.8657, 43.2920, 45.1050
YIQ	179.4990, 41.8560, 23.3920

Conversions

Conversions Part 2

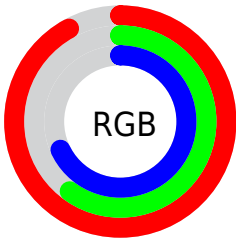
Format	Color
R_{YB}	234, 153, 173
Decimal	15374765
CIE Lab	71.75, 32.95, 2.21
CIE LCh	72, 33.025, 3.831
Yxy	43.2920, 0.3742, 0.3065
Android (android.graphics.Color)	4293564845 (0xFFEA99AD)
YUV	179.4990, -3.2040, 47.7974
Hunter-Lab	65.7967, 28.2755, 5.4131

Details

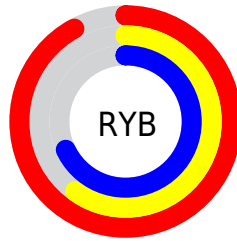
The RYB color **234, 153, 173** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **153, 199, 234**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 208, 228**, and **177, 101, 121** is the 20% darker color. If you saturate the color by 10%, you get **234, 130, 155**, and if you desaturate by 10%, it is **234, 176, 191**.

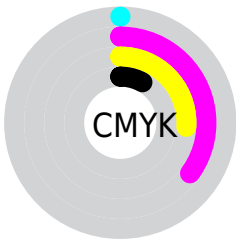
Distribution



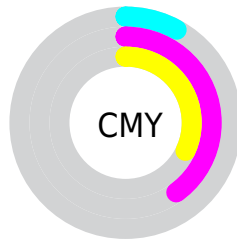
- Red (92%)
- Green (60%)
- Blue (68%)



- Red (92%)
- Yellow (60%)
- Blue (68%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (8%)





- Cyan (8%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 153, 173 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, 153, 173 by changing the saturation by 10% instead.

 234, 153, 173

 234, 153, 173

255, 255, 255

 205, 126, 146


 255, 208, 228

 177, 101, 121

 255, 237, 255

 149, 76, 96

 122, 51, 72


 95, 27, 50


 69, 0, 29

 48, 0, 3


 0, 0, 0

 234, 153, 173

 234, 153, 173

 234, 130, 155

 234, 176, 191

 234, 106, 138

 234, 200, 208

 234, 83, 120

 234, 223, 226

 234, 59, 103

 234, 242, 247

 234, 36, 85

 234, 245, 255

 234, 13, 67

 234, 0, 58

Harmonies

Analogous

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



217, 157, 203



234, 153, 173



234, 158, 144

Triad

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



234, 153, 173



125, 184, 149



96, 150, 229

Complementary

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



234, 153, 173



153, 199, 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.



73, 136, 208



234, 153, 173



125, 173, 190

Square

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



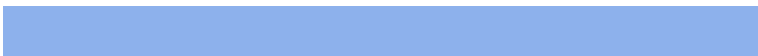
234, 153, 173



138, 193, 115



91, 145, 192



141, 167, 236

Rectangle

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



234, 153, 173



225, 180, 128



91, 145, 192



85, 144, 224

Sweetspot

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



234, 153, 173



255, 230, 236



214, 153, 234



128, 112, 116



0, 0, 0



128, 128, 128

Same Dimension

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



234, 153, 173



255, 148, 174



234, 180, 153



117, 106, 108



181, 0, 45



54, 0, 13

Inverse Universe

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



234, 153, 173



255, 148, 174



153, 188, 234



117, 106, 108



181, 0, 45



54, 0, 13

Previews

White Background



This preview shows how the RYB color 234, 153, 173 looks on a white background.

Color Contrast Check

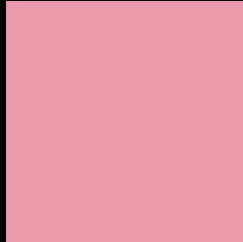
Large Text (above 18pt) WCAG AA × Fail

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, 153, 173 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, 153, 173 Background



This preview shows how black text looks on a background with the RYB color 234, 153, 173.



This preview shows how white text looks on a background with the RYB color 234, 153, 173.

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, 153, 173

Protanopia
177, 175, 186

Deuteranopia
196, 170, 170



Tritanopia
233, 154, 166

Trichromacy



Original Color

234, 153, 173



Protanomaly

198, 167, 181



Deuteranomaly

210, 164, 171



Tritanomaly

233, 154, 169

Monochromacy



Original Color

234, 153, 173



Achromatopsia

179, 179, 179



Achromatomaly

199, 170, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 153, 173 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, 153, 173) looks like.

```
.text, #text, p{  
    color:rgb(234, 153, 173)  
}
```

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, 153, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 153, 173) }
```

Border

The CSS property to change the border of an element to RYB 234, 153, 173 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, 153, 173) }
```

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

```
.border{ border-color:rgb(234, 153, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 153, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 153, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 153, 173);  
box-shadow:4px 4px 4px 4px rgb(234, 153,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 234, 153, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 153, 173) }
```

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

```
.background{ background-color: rgb(234,  
153, 173) }
```

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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