

Converting Colors

`RYB(238, 174, 223)`

Have a look what the booklet for
RYB(238, 174, 223) contains.

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Color

RYB(238, 174, 223)

Conversions

Conversions Part 1

Format	Color
Hex	EEAEDF
RGB	238, 174, 223
RGB Percent	93%, 68%, 87%
CMY	0.0667, 0.3176, 0.1255
CMYK	0.00, 0.27, 0.06, 0.07
HSL	314°, 65%, 81%
HSV	314°, 27%, 93%
XYZ	63.7152, 53.7770, 76.8339
YIQ	198.7220, 22.4150, 28.8070

Conversions

Conversions Part 2

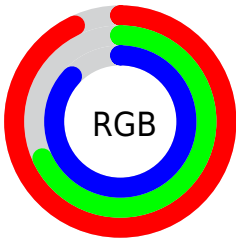
Format	Color
R _Y B	238, 174, 223
Decimal	15642335
CIE Lab	78.33, 30.99, -15.42
CIE LCh	78, 34.616, 333.552
Yxy	53.7770, 0.3279, 0.2767
Android (android.graphics.Color)	4293832415 (0xFFEEAEDF)
YUV	198.7220, 11.9691, 34.4468
Hunter-Lab	73.3328, 26.7575, -10.7877

Details

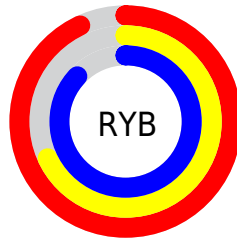
The RYB color **238, 174, 223** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174, 226, 238**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 230, 255**, and **181, 121, 168** is the 20% darker color. If you saturate the color by 10%, you get **238, 150, 217**, and if you desaturate by 10%, it is **238, 198, 229**.

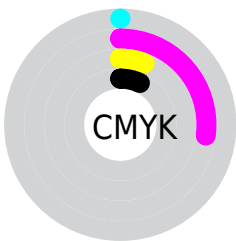
Distribution



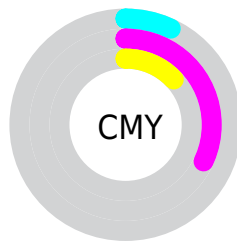
- Red (93%)
- Green (68%)
- Blue (87%)



- Red (93%)
- Yellow (68%)
- Blue (87%)



- Cyan (0%)
- Magenta (27%)
- Yellow (6%)
- Black (7%)




- Cyan (7%)
- Magenta (32%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 174, 223 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 238, 174, 223 by changing the saturation by 10% instead.


 238, 174, 223

 238, 174, 223

255, 255, 255


 209, 147, 195

 255, 230, 255

 181, 121, 168

 154, 95, 141

 127, 71, 116

 101, 47, 91

 76, 23, 67


 52, 0, 45


 32, 0, 25

 0, 0, 0

 238, 174, 223

 238, 174, 223

 238, 150, 217


 238, 198, 229

 238, 126, 212


 238, 222, 234

 238, 103, 206

 238, 243, 245

 238, 79, 201

 238, 250, 255

 238, 55, 195

 238, 248, 255

 238, 31, 190

 238, 247, 255

 238, 7, 184

 238, 0, 182

Harmonies

Analogous

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



203, 184, 247



238, 174, 223



255, 170, 191

Triad

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



238, 174, 223



154, 212, 129



86, 152, 228

Complementary

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



238, 174, 223



174, 226, 238

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.



104, 161, 211



238, 174, 223



139, 202, 163

Square

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



238, 174, 223



240, 217, 137



140, 191, 209



110, 167, 250

Rectangle

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



238, 174, 223



255, 171, 170



140, 191, 209



88, 151, 218

Sweetspot

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



238, 174, 223



255, 235, 250



189, 174, 238



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



238, 174, 223



255, 173, 236



238, 174, 191



120, 108, 117



184, 0, 141



56, 0, 43

Inverse Universe

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



238, 174, 223



255, 173, 236



174, 211, 238



120, 108, 117



184, 0, 141



56, 0, 43

Previews

White Background



This preview shows how the RYB color 238, 174, 223 looks on a white background.

Color Contrast Check

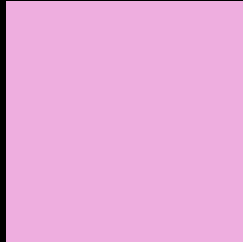
Large Text (above 18pt) WCAG AA × Fail

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 238, 174, 223 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 238, 174, 223 Background



This preview shows how black text looks on a background with the RYB color 238, 174, 223.



This preview shows how white text looks on a background with the RYB color 238, 174, 223.

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
238, 174, 223

Protanopia
185, 191, 235

Deuteranopia
201, 189, 220



Tritanopia
234, 179, 193

Trichromacy



Original Color

238, 174, 223



Protanomaly

204, 185, 231



Deuteranomaly

214, 184, 221



Tritanomaly

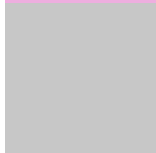
235, 177, 204

Monochromacy



Original Color

238, 174, 223



Achromatopsia

199, 199, 199



Achromatomaly

213, 190, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 174, 223 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(238, 174, 223) looks like.

```
.text, #text, p{  
    color:rgb(238, 174, 223)  
}
```

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(238, 174, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 174, 223) }
```

Border

The CSS property to change the border of an element to RYB 238, 174, 223 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(238, 174, 223) }
```

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

```
.border{ border-color:rgb(238, 174, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 174, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 174, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 174, 223);  
box-shadow:4px 4px 4px 4px rgb(238, 174,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 238, 174, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 174, 223) }
```

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

```
.background{ background-color: rgb(238,  
174, 223) }
```

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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