

Converting Colors

`RYB(236, 163, 171)`

Have a look what the booklet for
RYB(236, 163, 171) contains.

RYB(236, 163, 171)	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(236, 163, 171)

Conversions

Conversions Part 1

Format	Color
Hex	ECA3AB
RGB	236, 163, 171
RGB Percent	93%, 64%, 67%
CMY	0.0745, 0.3608, 0.3294
CMYK	0.00, 0.31, 0.28, 0.07
HSL	353°, 66%, 78%
HSV	353°, 31%, 93%
XYZ	55.0399, 46.9675, 44.6928
YIQ	185.7390, 40.9400, 17.9640

Conversions

Conversions Part 2

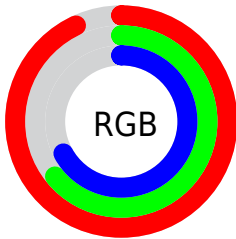
Format	Color
R _Y B	236, 163, 171
Decimal	15508395
CIE Lab	74.17, 28.10, 6.83
CIE LCh	74, 28.916, 13.659
Yxy	46.9675, 0.3752, 0.3202
Android (android.graphics.Color)	4293698475 (0xFFECA3AB)
YUV	185.7390, -7.2663, 44.0789
Hunter-Lab	68.5329, 23.4240, 9.3078

Details

The RYB color **236, 163, 171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **163, 202, 236**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 218, 226**, and **179, 111, 119** is the 20% darker color. If you saturate the color by 10%, you get **236, 139, 150**, and if you desaturate by 10%, it is **236, 187, 192**.

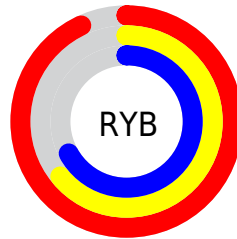
Distribution



Red (93%)

Green (64%)

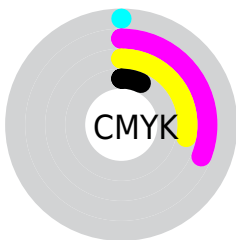
Blue (67%)



Red (93%)

Yellow (64%)

Blue (67%)

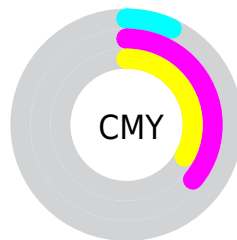


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (7%)



Cyan (7%)

Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 236, 163, 171 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 236, 163, 171 by changing the saturation by 10% instead.

 236, 163, 171

 236, 163, 171

255, 255, 255

 207, 136, 145

 255, 218, 226

 179, 111, 119

 255, 247, 255

 151, 85, 94

 124, 61, 71

 97, 38, 48

 72, 14, 28


 49, 0, 0

 8, 0, 0

 0, 0, 0

 236, 163, 171

 236, 163, 171

 236, 139, 150

 236, 187, 192

 236, 116, 129

 236, 210, 213

 236, 92, 108

 236, 234, 234

 236, 69, 87

 236, 246, 255

 236, 45, 66

 236, 21, 45

 236, 0, 26

Harmonies

Analogous

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



226, 165, 198



236, 163, 171



231, 173, 147

Triad

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



236, 163, 171



143, 192, 176



129, 167, 233

Complementary

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



236, 163, 171



163, 202, 236

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, 155, 218



236, 163, 171



129, 172, 196

Square

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



236, 163, 171



134, 189, 130



106, 152, 197



166, 178, 234

Rectangle

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



236, 163, 171



221, 202, 136



106, 152, 197



118, 162, 229

Sweetspot

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



236, 163, 171



255, 232, 235



227, 163, 236



128, 113, 115



0, 0, 0



128, 128, 128

Same Dimension

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



236, 163, 171



255, 161, 171



236, 208, 163



117, 106, 107



181, 0, 20



54, 0, 6

Inverse Universe

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



236, 163, 171



255, 161, 171



163, 191, 236



117, 106, 107



181, 0, 20



54, 0, 6

Previews

White Background



This preview shows how the RYB color 236, 163, 171 looks on a white background.

Color Contrast Check

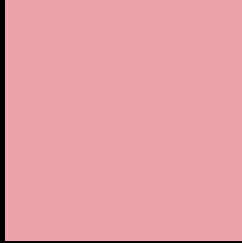
Large Text (above 18pt) WCAG AA × Fail

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 236, 163, 171 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 236, 163, 171 Background



This preview shows how black text looks on a background with the RYB color 236, 163, 171.



This preview shows how white text looks on a background with the RYB color 236, 163, 171.

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
236, 163, 171

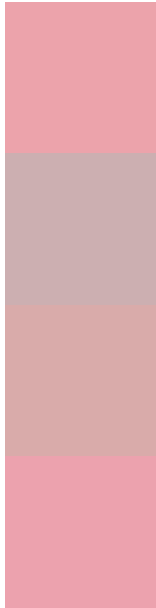
Protanopia
186, 182, 181

Deuteranopia
206, 178, 169



Tritanopia
236, 162, 175

Trichromacy



Original Color
236, 163, 171

Protanomaly
204, 175, 177

Deuteranomaly
217, 171, 170

Tritanomaly
236, 162, 174

Monochromacy



Original Color
236, 163, 171

Achromatopsia
186, 186, 186

Achromatomaly
204, 178, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 163, 171 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(236, 163, 171) looks like.

```
.text, #text, p{  
    color:rgb(236, 163, 171)  
}
```

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(236, 163, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 163, 171) }
```

Border

The CSS property to change the border of an element to RYB 236, 163, 171 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(236, 163, 171) }
```

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

```
.border{ border-color:rgb(236, 163, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 163, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 163, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 163, 171);  
box-shadow:4px 4px 4px 4px rgb(236, 163,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 236, 163, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 163, 171) }
```

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

```
.background{ background-color: rgb(236,  
163, 171) }
```

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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