

Converting Colors

`RYB(235, 156, 207)`

Have a look what the booklet for
RYB(235, 156, 207) contains.

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Color

R_YB(235, 156, 207)

Conversions

Conversions Part 1

Format	Color
Hex	EB9CCF
RGB	235, 156, 207
RGB Percent	92%, 61%, 81%
CMY	0.0784, 0.3882, 0.1882
CMYK	0.00, 0.34, 0.12, 0.08
HSL	321°, 66%, 77%
HSV	321°, 34%, 92%
XYZ	57.4119, 45.9441, 64.8736
YIQ	185.4350, 30.7130, 32.6090

Conversions

Conversions Part 2

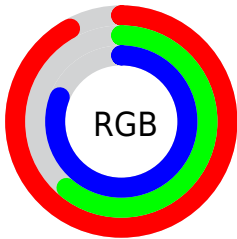
Format	Color
R_{YB}	235, 156, 207
Decimal	15441103
CIE Lab	73.51, 36.84, -13.97
CIE LCh	74, 39.403, 339.240
Yxy	45.9441, 0.3413, 0.2731
Android (android.graphics.Color)	4293631183 (0xFFEB9CCF)
YUV	185.4350, 10.6315, 43.4685
Hunter-Lab	67.7821, 32.5721, -9.2985

Details

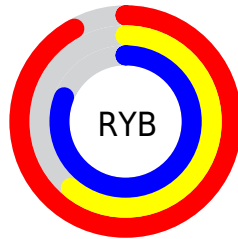
The RYB color **235, 156, 207** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **156, 214, 235**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 211, 255**, and **178, 103, 153** is the 20% darker color. If you saturate the color by 10%, you get **235, 133, 199**, and if you desaturate by 10%, it is **235, 180, 215**.

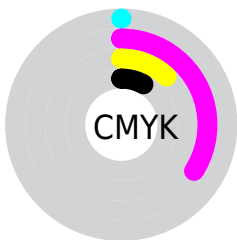
Distribution



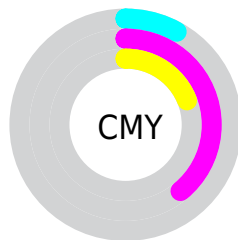
- Red (92%)
- Green (61%)
- Blue (81%)



- Red (92%)
- Yellow (61%)
- Blue (81%)



- Cyan (0%)
- Magenta (34%)
- Yellow (12%)
- Black (8%)




- Cyan (8%)
- Magenta (39%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 156, 207 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 235, 156, 207 by changing the saturation by 10% instead.

 235, 156, 207

 235, 156, 207

255, 255, 255

 206, 129, 179

 255, 211, 255

 178, 103, 153

 255, 240, 255

 150, 78, 127

 124, 53, 102

 97, 28, 78

 72, 0, 55

 49, 0, 33


 18, 0, 7


 0, 0, 0

 235, 156, 207

 235, 156, 207

 235, 133, 199

 235, 180, 215

 235, 109, 190


 235, 203, 224

 235, 86, 182

 235, 227, 232

 235, 62, 174

 235, 246, 250

 235, 39, 165

 235, 247, 255

 235, 15, 157

 235, 245, 255

 235, 0, 152

Harmonies

Analogous

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



199, 167, 237



235, 156, 207



251, 152, 171

Triad

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



235, 156, 207



121, 193, 108



22, 116, 225

Complementary

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



235, 156, 207



156, 214, 235

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.



57, 131, 200



235, 156, 207



123, 192, 161

Square

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



235, 156, 207



224, 226, 113



109, 168, 198



83, 148, 247

Rectangle

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



235, 156, 207



250, 156, 147



109, 168, 198



23, 115, 215

Sweetspot

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



235, 156, 207



255, 230, 246



184, 156, 235



128, 112, 122



0, 0, 0



128, 128, 128

Same Dimension

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



235, 156, 207



255, 153, 219



235, 156, 168



117, 106, 113



181, 0, 117



54, 0, 35

Inverse Universe

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



235, 156, 207



255, 153, 219



156, 199, 235



117, 106, 113



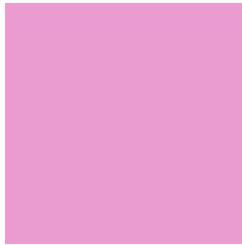
181, 0, 117



54, 0, 35

Previews

White Background



This preview shows how the RYB color 235, 156, 207 looks on a white background.

Color Contrast Check

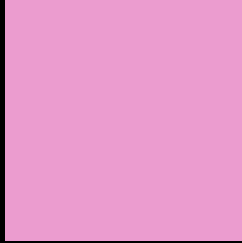
Large Text (above 18pt) WCAG AA × Fail

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 235, 156, 207 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 235, 156, 207 Background



This preview shows how black text looks on a background with the RYB color 235, 156, 207.

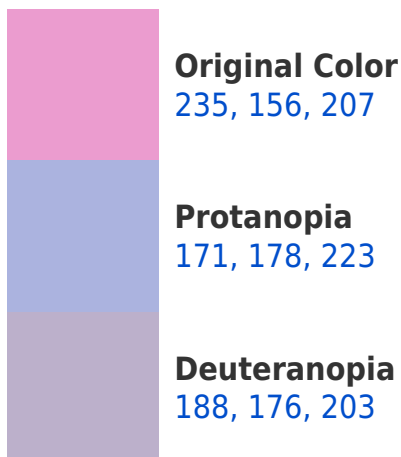



This preview shows how white text looks on a background with the RYB color 235, 156, 207.

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





Tritanopia
231, 162, 174

Trichromacy



Original Color

235, 156, 207



Protanomaly

194, 171, 217



Deuteranomaly

205, 169, 204



Tritanomaly

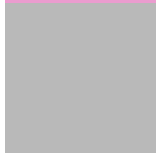
232, 160, 186

Monochromacy



Original Color

235, 156, 207



Achromatopsia

185, 185, 185



Achromatomaly

203, 174, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 156, 207 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(235, 156, 207) looks like.

```
.text, #text, p{  
    color:rgb(235, 156, 207)  
}
```

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(235, 156, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 156, 207) }
```

Border

The CSS property to change the border of an element to RYB 235, 156, 207 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(235, 156, 207) }
```

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

```
.border{ border-color:rgb(235, 156, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 156, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 156, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 156, 207);  
box-shadow:4px 4px 4px 4px rgb(235, 156,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 235, 156, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 156, 207) }
```

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

```
.background{ background-color: rgb(235,  
156, 207) }
```

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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