

Converting Colors

`RYB(232, 103, 154)`

Have a look what the booklet for
RYB(232, 103, 154) contains.

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Color

`RYB(232, 103, 154)`

Conversions

Conversions Part 1

Format	Color
Hex	E8679A
RGB	232, 103, 154
RGB Percent	91%, 40%, 60%
CMY	0.0902, 0.5961, 0.3961
CMYK	0.00, 0.56, 0.34, 0.09
HSL	336°, 74%, 66%
HSV	336°, 56%, 91%
XYZ	43.9617, 29.1894, 33.8889
YIQ	147.3850, 60.5130, 43.2090

Conversions

Conversions Part 2

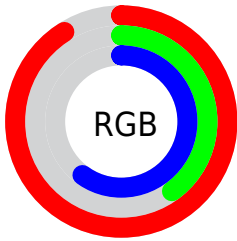
Format	Color
R_{YB}	232, 103, 154
Decimal	15230874
CIE Lab	60.95, 55.00, -2.87
CIE LCh	61, 55.078, 357.014
Yxy	29.1894, 0.4107, 0.2727
Android (android.graphics.Color)	4293420954 (0xFFE8679A)
YUV	147.3850, 3.2612, 74.2074
Hunter-Lab	54.0272, 50.6970, 0.6290

Details

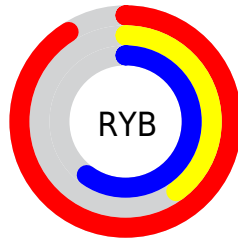
The RYB color **232, 103, 154** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **103, 183, 232**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 158, 208**, and **173, 47, 103** is the 20% darker color. If you saturate the color by 10%, you get **232, 80, 140**, and if you desaturate by 10%, it is **232, 126, 168**.

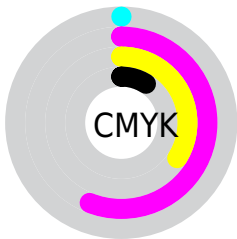
Distribution



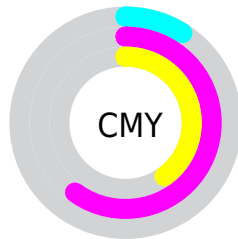
- Red (91%)
- Green (40%)
- Blue (60%)



- Red (91%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (56%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 103, 154 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 232, 103, 154 by changing the saturation by 10% instead.

 232, 103, 154

 232, 103, 154

255, 255, 255

 202, 75, 128

 255, 158, 208

 173, 47, 103

 255, 187, 237

 144, 7, 79

 255, 215, 255

 115, 0, 56

 255, 245, 255


 87, 0, 35

 62, 0, 13

 30, 0, 1

 0, 0, 0

 232, 103, 154

 232, 103, 154

■ 232, 80, 140

■ 232, 126, 168

■ 232, 57, 126

■ 232, 149, 182

■ 232, 33, 112

■ 232, 173, 196

■ 232, 10, 98

■ 232, 196, 210

■ 232, 0, 92

■ 232, 219, 224

■ 232, 238, 242

■ 232, 244, 255

■ 232, 244, 255

Harmonies

Analogous

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



202, 116, 201



232, 103, 154



234, 107, 106

Triad

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



232, 103, 154



54, 157, 81



0, 96, 228

Complementary

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



232, 103, 154



103, 183, 232

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.



0, 90, 190



232, 103, 154



64, 144, 166

Square

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



232, 103, 154



89, 177, 43



0, 93, 170



0, 94, 244

Rectangle

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



232, 103, 154



223, 134, 77



0, 93, 170



0, 95, 217

Sweetspot

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



232, 103, 154



255, 212, 229



180, 103, 232



128, 102, 112



0, 0, 0



128, 128, 128

Same Dimension

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



232, 103, 154



255, 84, 152



232, 117, 103



115, 103, 108



179, 0, 71



51, 0, 20

Inverse Universe

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



232, 103, 154



255, 84, 152



103, 164, 232



115, 103, 108



179, 0, 71



51, 0, 20

Previews

White Background



This preview shows how the RYB color 232, 103, 154 looks on a white background.

Color Contrast Check

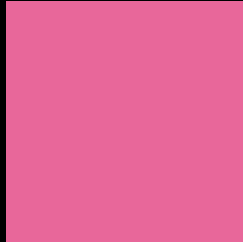
Large Text (above 18pt) WCAG AA ✓ Pass

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 232, 103, 154 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 232, 103, 154 Background



This preview shows how black text looks on a background with the RYB color 232, 103, 154.



This preview shows how white text looks on a background with the RYB color 232, 103, 154.

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
232, 103, 154

Protanopia
139, 145, 181

Deuteranopia
161, 143, 148



Tritanopia
229, 110, 118

Trichromacy



Original Color

232, 103, 154



Protanomaly

173, 130, 171



Deuteranomaly

187, 128, 150



Tritanomaly

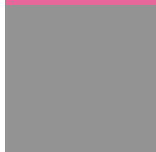
230, 107, 131

Monochromacy



Original Color

232, 103, 154



Achromatopsia

147, 147, 147



Achromatomaly

178, 131, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 103, 154 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(232, 103, 154) looks like.

```
.text, #text, p{  
    color:rgb(232, 103, 154)  
}
```

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(232, 103, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 103, 154) }
```

Border

The CSS property to change the border of an element to RYB 232, 103, 154 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(232, 103, 154) }
```

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

```
.border{ border-color:rgb(232, 103, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 103, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 103, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 103, 154);  
box-shadow:4px 4px 4px 4px rgb(232, 103,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 232, 103, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 103, 154) }
```

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

```
.background{ background-color: rgb(232,  
103, 154) }
```

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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