

Converting Colors

`RYB(234, 132, 154)`

Have a look what the booklet for
RYB(234, 132, 154) contains.

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Color

`RYB(234, 132, 154)`

Conversions

Conversions Part 1

Format	Color
Hex	EA849A
RGB	234, 132, 154
RGB Percent	92%, 52%, 60%
CMY	0.0824, 0.4824, 0.3961
CMYK	0.00, 0.44, 0.34, 0.08
HSL	347°, 71%, 72%
HSV	347°, 44%, 92%
XYZ	48.0157, 36.3280, 35.0532
YIQ	165.0060, 53.7300, 28.4660

Conversions

Conversions Part 2

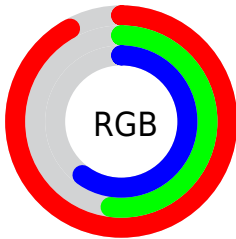
Format	Color
R_{YB}	234, 132, 154
Decimal	15369370
CIE _{Lab}	66.77, 41.45, 5.63
CIE _{LCh}	67, 41.830, 7.740
Yxy	36.3280, 0.4022, 0.3043
Android (android.graphics.Color)	4293559450 (0xFFEA849A)
YUV	165.0060, -5.4260, 60.5077
Hunter-Lab	60.2728, 36.7229, 7.7093

Details

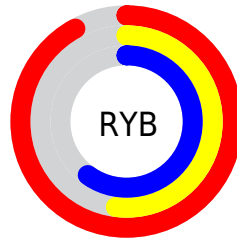
The RYB color **234, 132, 154** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **132, 189, 234**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 187, 208**, and **176, 80, 103** is the 20% darker color. If you saturate the color by 10%, you get **234, 109, 136**, and if you desaturate by 10%, it is **234, 155, 172**.

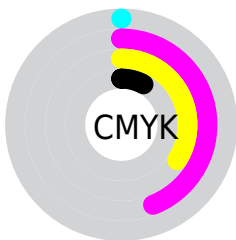
Distribution



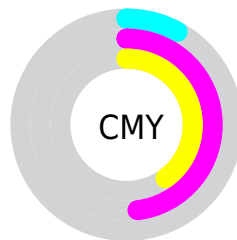
- Red (92%)
- Green (52%)
- Blue (60%)



- Red (92%)
- Yellow (52%)
- Blue (60%)



- Cyan (0%)
- Magenta (44%)
- Yellow (34%)
- Black (8%)




- Cyan (8%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 132, 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 234, 132, 154 by changing the saturation by 10% instead.

 234, 132, 154

 234, 132, 154

255, 255, 255

 205, 106, 128

 255, 187, 208

 176, 80, 103

 255, 215, 237

 147, 54, 79

 255, 244, 255


 119, 27, 56


 92, 0, 35

 65, 0, 13

 41, 0, 1

 0, 0, 0

 234, 132, 154

 234, 132, 154

■ 234, 109, 136

■ 234, 155, 172

■ 234, 85, 117

■ 234, 179, 191

■ 234, 62, 99

■ 234, 202, 209

■ 234, 38, 81

■ 234, 226, 227

■ 234, 15, 62

■ 234, 242, 249

■ 234, 0, 50

■ 234, 245, 255

Harmonies

Analogous

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



217, 137, 192



234, 132, 154



230, 142, 118

Triad

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



234, 132, 154



101, 174, 139



30, 114, 231

Complementary

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



234, 132, 154



132, 189, 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.



0, 96, 207



234, 132, 154



87, 149, 180

Square

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



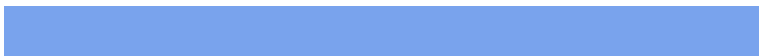
234, 132, 154



103, 177, 86



0, 94, 182



121, 152, 237

Rectangle

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



234, 132, 154



218, 175, 100



0, 94, 182



0, 99, 225

Sweetspot

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



234, 132, 154



255, 222, 229



212, 132, 234



128, 107, 112



0, 0, 0



128, 128, 128

Same Dimension

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



234, 132, 154



255, 122, 151



234, 173, 132



117, 106, 108



181, 0, 39



54, 0, 12

Inverse Universe

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



234, 132, 154



255, 122, 151



132, 175, 234



117, 106, 108



181, 0, 39



54, 0, 12

Previews

White Background



This preview shows how the RYB color 234, 132, 154 looks on a white background.

Color Contrast Check

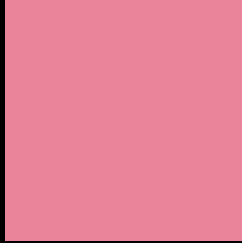
Large Text (above 18pt) WCAG AA × Fail

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, 132, 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 ✓ Pass

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

RYB 234, 132, 154 Background



This preview shows how black text looks on a background with the RYB color 234, 132, 154.



This preview shows how white text looks on a background with the RYB color 234, 132, 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
234, 132, 154

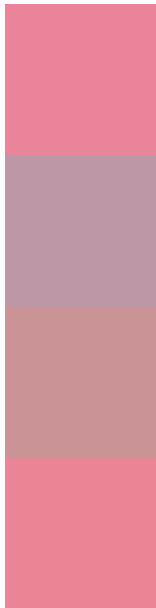
Protanopia
163, 162, 171

Deuteranopia
183, 159, 150



Tritanopia
233, 134, 144

Trichromacy



Original Color
234, 132, 154

Protanomaly
189, 151, 165

Deuteranomaly
202, 148, 151

Tritanomaly
233, 133, 148

Monochromacy



Original Color
234, 132, 154

Achromatopsia
165, 165, 165

Achromatomaly
190, 153, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 132, 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(234, 132, 154) looks like.

```
.text, #text, p{  
    color:rgb(234, 132, 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(234, 132, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 132, 154) }
```

Border

The CSS property to change the border of an element to RYB 234, 132, 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(234, 132, 154) }
```

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

```
.border{ border-color:rgb(234, 132, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 132, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 132, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 132, 154);  
box-shadow:4px 4px 4px 4px rgb(234, 132,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 234, 132, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 132, 154) }
```

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

```
.background{ background-color: rgb(234,  
132, 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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