

Converting Colors

`RYB(236, 135, 132)`

Have a look what the booklet for
RYB(236, 135, 132) contains.

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Color

R_YB(236, 135, 132)

Conversions

Conversions Part 1

Format	Color
Hex	EC8784
RGB	236, 135, 132
RGB Percent	93%, 53%, 52%
CMY	0.0745, 0.4709, 0.4824
CMYK	0.00, 0.43, 0.44, 0.07
HSL	2°, 73%, 72%
HSV	2°, 44%, 93%
XYZ	47.4092, 36.8033, 26.4348
YIQ	164.8570, 61.1590, 20.4790

Conversions

Conversions Part 2

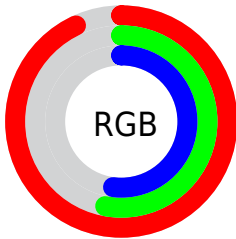
Format	Color
RYB	236, 135, 132
Decimal	15501188
CIELab	67.13, 38.22, 18.56
CIELCh	67, 42.484, 25.902
Yxy	36.8033, 0.4285, 0.3326
Android (android.graphics.Color)	4293691268 (0xFFEC8784)
YUV	164.8570, -16.1985, 62.3924
Hunter-Lab	60.6657, 33.3295, 16.6307

Details

The RYB color **236, 135, 132** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **132, 183, 236**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 190, 185**, and **177, 83, 83** is the 20% darker color. If you saturate the color by 10%, you get **236, 112, 108**, and if you desaturate by 10%, it is **236, 158, 156**.

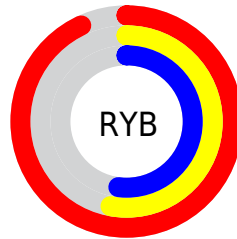
Distribution



Red (93%)

Green (53%)

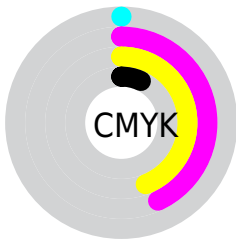
Blue (52%)



Red (93%)

Yellow (53%)

Blue (52%)

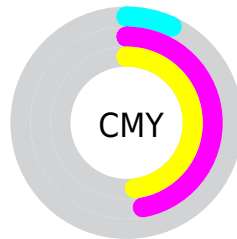


Cyan (0%)

Magenta (43%)

Yellow (44%)

Black (7%)



Cyan (7%)

Magenta (47%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 236, 135, 132 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, 135, 132 by changing the saturation by 10% instead.

 236, 135, 132

 236, 135, 132

255, 255, 255

 206, 109, 107

 255, 190, 185

 177, 83, 83

 255, 219, 213

 148, 58, 60

 255, 252, 241

 120, 32, 38

 92, 1, 18

 65, 0, 0

 39, 0, 1

 0, 0, 0


 236, 135, 132

 236, 135, 132

 236, 112, 108

 236, 158, 156

 236, 89, 85

 236, 181, 179

 236, 66, 61

 236, 204, 203

 236, 43, 38

 236, 227, 226

 236, 20, 14

 236, 243, 250

 236, 7, 0

 236, 246, 255

Harmonies

Analogous

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



232, 133, 170



236, 135, 132



221, 173, 101

Triad

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



236, 135, 132



108, 169, 179



91, 142, 239

Complementary

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



236, 135, 132



132, 183, 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.



0, 100, 226



236, 135, 132



43, 120, 183

Square

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



236, 135, 132



93, 171, 110



0, 95, 196



159, 155, 232

Rectangle

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



236, 135, 132



172, 203, 89



0, 95, 196



61, 129, 237

Sweetspot

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



236, 135, 132



255, 223, 222



236, 132, 234



128, 108, 107



0, 0, 0



128, 128, 128

Same Dimension

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



236, 135, 132



255, 124, 120



228, 236, 132



117, 106, 106



181, 5, 0



54, 2, 0

Inverse Universe

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



132, 183, 236



120, 186, 255



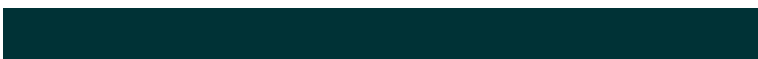
132, 166, 236



106, 112, 117



0, 89, 181



0, 26, 54

Previews

White Background



This preview shows how the RYB color 236, 135, 132 looks on a white background.

Color Contrast Check

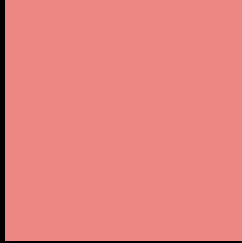
Large Text (above 18pt) WCAG AA × Fail

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, 135, 132 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, 135, 132 Background



This preview shows how black text looks on a background with the RYB color 236, 135, 132.



This preview shows how white text looks on a background with the RYB color 236, 135, 132.

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, 135, 132

Protanopia
158, 171, 146

Deuteranopia
192, 181, 128



Tritanopia
237, 133, 143

Trichromacy



Original Color
236, 135, 132

Protanomaly
195, 156, 141

Deuteranomaly
208, 156, 129

Tritanomaly
237, 134, 139

Monochromacy



Original Color
236, 135, 132

Achromatopsia
165, 165, 165

Achromatomaly
191, 154, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 135, 132 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, 135, 132) looks like.

```
.text, #text, p{  
    color:rgb(236, 135, 132)  
}
```

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, 135, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 135, 132) }
```

Border

The CSS property to change the border of an element to RYB 236, 135, 132 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, 135, 132) }
```

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

```
.border{ border-color:rgb(236, 135, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 135, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 135, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 135, 132); box-shadow:4px 4px 4px 4px rgb(236, 135, 132) }
```

Background

The CSS property to change the background color of an element to RYB 236, 135, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 135, 132) }
```

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

```
.background{ background-color: rgb(236,  
135, 132) }
```

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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