

Converting Colors

`RYB(237, 171, 171)`

Have a look what the booklet for
RYB(237, 171, 171) contains.

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Color

R_YB(237, 171, 171)

Conversions

Conversions Part 1

Format	Color
Hex	EDABAB
RGB	237, 171, 171
RGB Percent	93%, 67%, 67%
CMY	0.0706, 0.3294, 0.3294
CMYK	0.00, 0.28, 0.28, 0.07
HSL	0°, 65%, 80%
HSV	0°, 28%, 93%
XYZ	56.8386, 50.0706, 45.1970
YIQ	190.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

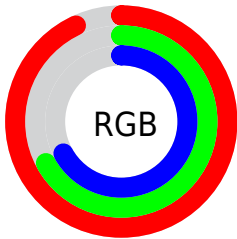
Format	Color
R _Y B	237, 171, 171
Decimal	15575979
CIE Lab	76.11, 24.21, 9.62
CIE LCh	76, 26.054, 21.675
Yxy	50.0706, 0.3737, 0.3292
Android (android.graphics.Color)	4293766059 (0xFFEDABAB)
YUV	190.7340, -9.7289, 40.5753
Hunter-Lab	70.7606, 19.5496, 11.6621

Details

The RYB color **237, 171, 171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 204, 237**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 227, 226**, and **180, 118, 119** is the 20% darker color. If you saturate the color by 10%, you get **237, 147, 147**, and if you desaturate by 10%, it is **237, 195, 195**.

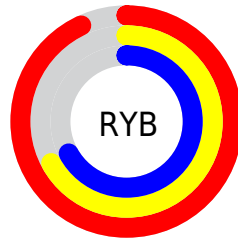
Distribution



Red (93%)

Green (67%)

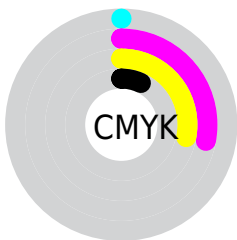
Blue (67%)



Red (93%)

Yellow (67%)

Blue (67%)

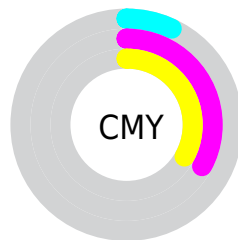


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 237, 171, 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 237, 171, 171 by changing the saturation by 10% instead.


 237, 171, 171

 237, 171, 171

255, 255, 255

 208, 144, 145

 255, 227, 226

 180, 118, 119

 152, 93, 94

 125, 69, 71


 99, 46, 48

 73, 23, 27


 50, 0, 0

 18, 0, 0


 0, 0, 0

 237, 171, 171


 237, 171, 171

 237, 147, 147

 237, 195, 195

 237, 124, 124

 237, 218, 218

 237, 100, 100

 237, 240, 242

 237, 76, 76

 237, 246, 255

 237, 52, 52

 237, 29, 29

 237, 5, 5

 237, 0, 0

Harmonies

Analogous

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



231, 171, 195



237, 171, 171



230, 188, 151

Triad

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



237, 171, 171



157, 198, 195



149, 178, 235

Complementary

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



237, 171, 171



171, 204, 237

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.



124, 167, 225



237, 171, 171



134, 174, 201

Square

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



237, 171, 171



143, 192, 148



119, 161, 205



183, 184, 232

Rectangle

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



237, 171, 171



219, 219, 143



119, 161, 205



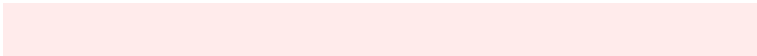
139, 174, 233

Sweetspot

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



237, 171, 171



255, 235, 235



237, 171, 237



128, 115, 115



0, 0, 0



128, 128, 128

Same Dimension

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



237, 171, 171



255, 171, 171



237, 237, 171



117, 106, 106



181, 0, 0



54, 0, 0

Inverse Universe

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



171, 204, 237



171, 213, 255



171, 193, 237



106, 112, 117



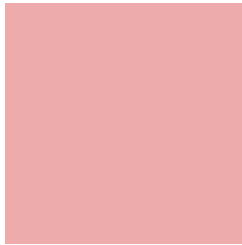
0, 91, 181



0, 27, 54

Previews

White Background



This preview shows how the RYB color 237, 171, 171 looks on a white background.

Color Contrast Check

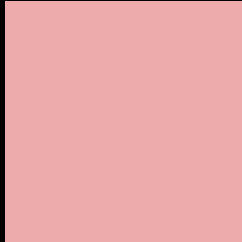
Large Text (above 18pt) WCAG AA × Fail

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 237, 171, 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 237, 171, 171 Background



This preview shows how black text looks on a background with the RYB color 237, 171, 171.

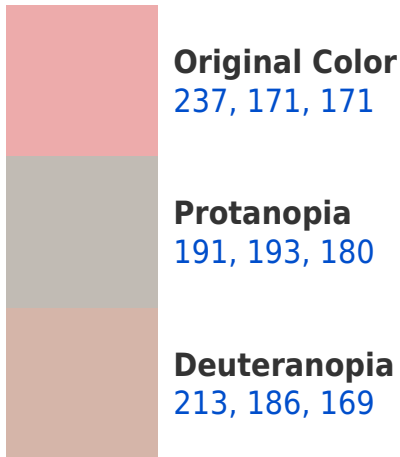



This preview shows how white text looks on a background with the RYB color 237, 171, 171.

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](#).

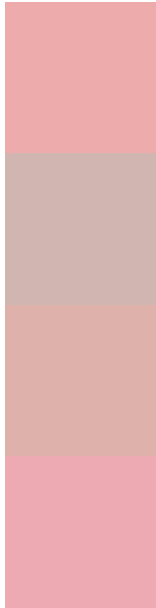
Dichromacy





Tritanopia
238, 169, 182

Trichromacy



Original Color
237, 171, 171

Protanomaly
209, 182, 177

Deuteranomaly
222, 178, 170

Tritanomaly
238, 170, 178

Monochromacy



Original Color
237, 171, 171

Achromatopsia
191, 191, 191

Achromatomaly
208, 184, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 171, 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(237, 171, 171) looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 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(237, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 171) }
```

Border

The CSS property to change the border of an element to RYB 237, 171, 171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

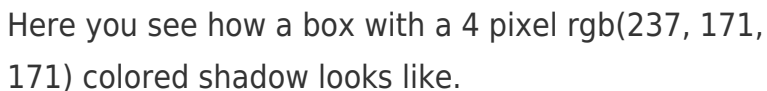
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 171, 171) }
```

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

```
.border{ border-color:rgb(237, 171, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 171, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 171, 171); box-shadow:4px 4px 4px 4px rgb(237, 171, 171) }
```

Background

The CSS property to change the background color of an element to RGB 237, 171, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 171) }
```

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

```
.background{ background-color: rgb(237,  
171, 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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