

Converting Colors

`RYB(237, 176, 175)`

Have a look what the booklet for
RYB(237, 176, 175) contains.

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Color

R_YB(237, 176, 175)

Conversions

Conversions Part 1

Format	Color
Hex	EDB0AF
RGB	237, 176, 175
RGB Percent	93%, 69%, 69%
CMY	0.0706, 0.3099, 0.3137
CMYK	0.00, 0.26, 0.26, 0.07
HSL	1°, 63%, 81%
HSV	1°, 26%, 93%
XYZ	58.1851, 52.1441, 47.5556
YIQ	194.1250, 36.6770, 12.6210

Conversions

Conversions Part 2

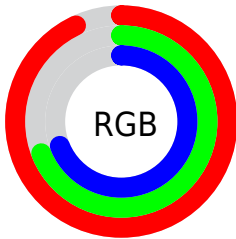
Format	Color
R _Y B	237, 176, 175
Decimal	15577263
CIE Lab	77.37, 22.11, 9.23
CIE LCh	77, 23.956, 22.671
Yxy	52.1441, 0.3685, 0.3303
Android (android.graphics.Color)	4293767343 (0xFFEDB0AF)
YUV	194.1250, -9.4286, 37.6014
Hunter-Lab	72.2109, 17.4603, 11.5013

Details

The RYB color **237, 176, 175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175, 206, 237**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 232, 230**, and **180, 123, 123** is the 20% darker color. If you saturate the color by 10%, you get **237, 153, 151**, and if you desaturate by 10%, it is **237, 199, 199**.

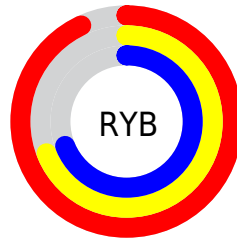
Distribution



Red (93%)

Green (69%)

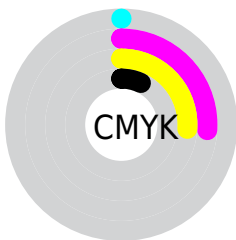
Blue (69%)



Red (93%)

Yellow (69%)

Blue (69%)

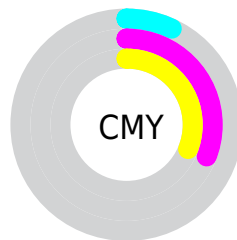


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (7%)



Cyan (7%)


Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 237, 176, 175 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, 176, 175 by changing the saturation by 10% instead.


 237, 176, 175

 237, 176, 175

255, 255, 255

 208, 149, 148

 255, 232, 230

 180, 123, 123

 152, 98, 98

 125, 74, 74

 99, 50, 51

 74, 28, 30

 50, 6, 6

 23, 0, 0

 0, 0, 0

■ 237, 176, 175

■ 237, 176, 175

■ 237, 153, 151

■ 237, 199, 199

■ 237, 129, 128

■ 237, 223, 222

■ 237, 106, 104

■ 237, 242, 246

■ 237, 83, 80

■ 237, 246, 255

■ 237, 59, 56

■ 237, 36, 33

■ 237, 13, 9

■ 237, 4, 0

Harmonies

Analogous

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



232, 176, 197



237, 176, 175



230, 193, 157

Triad

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



237, 176, 175



164, 200, 199



158, 183, 235

Complementary

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



237, 176, 175



175, 206, 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.



135, 173, 226



237, 176, 175



142, 178, 203

Square

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



237, 176, 175



150, 195, 155



129, 167, 207



188, 187, 232

Rectangle

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



237, 176, 175



218, 220, 149



129, 167, 207



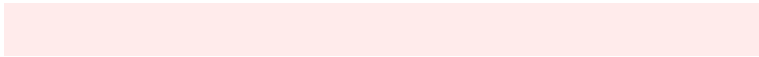
149, 180, 233

Sweetspot

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



237, 176, 175



255, 235, 235



237, 175, 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, 176, 175



255, 177, 176



237, 237, 175



117, 106, 106



181, 3, 0



54, 1, 0

Inverse Universe

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



175, 206, 237



176, 215, 255



175, 196, 237



106, 112, 117



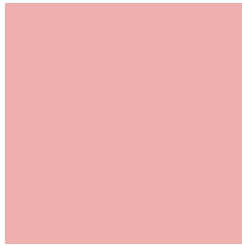
0, 90, 181



0, 27, 54

Previews

White Background



This preview shows how the RYB color 237, 176, 175 looks on a white background.

Color Contrast Check

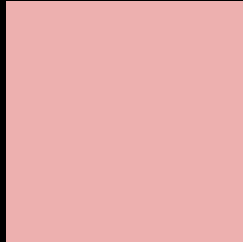
Large Text (above 18pt) WCAG AA × Fail

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, 176, 175 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, 176, 175 Background



This preview shows how black text looks on a background with the RYB color 237, 176, 175.



This preview shows how white text looks on a background with the RYB color 237, 176, 175.

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
237, 176, 175

Protanopia
194, 197, 183

Deuteranopia
217, 190, 173



Tritanopia
238, 174, 187

Trichromacy



Original Color

237, 176, 175

Protanomaly

212, 187, 180

Deuteranomaly

224, 184, 174

Tritanomaly

238, 175, 183

Monochromacy



Original Color

237, 176, 175

Achromatopsia

194, 194, 194

Achromatomaly

210, 187, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 176, 175 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, 176, 175) looks like.

```
.text, #text, p{  
    color:rgb(237, 176, 175)  
}
```

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, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 176, 175) }
```

Border

The CSS property to change the border of an element to RYB 237, 176, 175 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, 176, 175) }
```

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

```
.border{ border-color:rgb(237, 176, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(237, 176,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 237, 176, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 176, 175) }
```

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

```
.background{ background-color: rgb(237,  
176, 175) }
```

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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