

Converting Colors

`RYB(237, 202, 188)`

Have a look what the booklet for
RYB(237, 202, 188) contains.

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Color

R_YB(237, 202, 188)

Conversions

Conversions Part 1

Format	Color
Hex	EDC7BC
RGB	237, 199, 188
RGB Percent	93%, 78%, 74%
CMY	0.0706, 0.2200, 0.2627
CMYK	0.00, 0.16, 0.21, 0.07
HSL	13°, 58%, 83%
HSV	13°, 21%, 93%
XYZ	64.4000, 62.4311, 56.2331
YIQ	209.1080, 26.1790, 4.6350

Conversions

Conversions Part 2

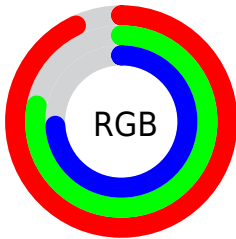
Format	Color
RYB	237, 202, 188
Decimal	15583164
CIELab	83.14, 11.82, 10.47
CIELCh	83, 15.791, 41.541
Yxy	62.4311, 0.3518, 0.3410
Android (android.graphics.Color)	4293773244 (0xFFEDC7BC)
YUV	209.1080, -10.4062, 24.4613
Hunter-Lab	79.0134, 7.2135, 13.1132

Details

The RYB color **237, 202, 188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **188, 209, 237**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **244, 255, 244**, and **181, 148, 135** is the 20% darker color. If you saturate the color by 10%, you get **237, 184, 164**, and if you desaturate by 10%, it is **237, 218, 212**.

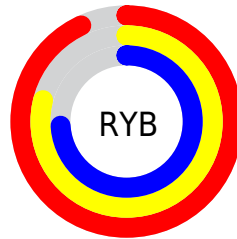
Distribution



Red (93%)

Green (78%)

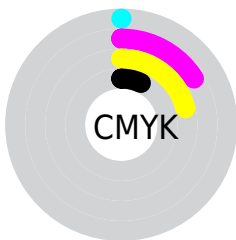
Blue (74%)



Red (93%)

Yellow (79%)

Blue (74%)

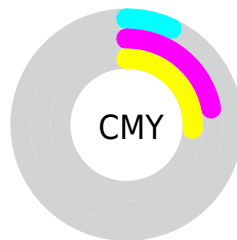


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (7%)



Cyan (7%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 202, 188 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, 202, 188 by changing the saturation by 10% instead.


 237, 202, 188


255, 255, 255

 244, 255, 244


 237, 202, 188

 208, 175, 161

 181, 148, 135

 153, 122, 109

 127, 96, 85

 101, 74, 62

 77, 50, 40

 53, 29, 20

 32, 2, 0

 0, 0, 0

■ 237, 202, 188

■ 237, 202, 188

■ 237, 184, 164

■ 237, 218, 212

■ 237, 168, 141

■ 237, 237, 235

■ 237, 152, 117

■ 237, 246, 255

■ 237, 134, 93

■ 237, 246, 255

■ 237, 118, 70

■ 237, 100, 46

■ 237, 84, 22

■ 237, 68, 0

Harmonies

Analogous

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



239, 197, 202



237, 202, 188



228, 226, 179

Triad

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



237, 202, 188



180, 204, 215



198, 205, 236

Complementary

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



237, 202, 188



188, 209, 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.



181, 200, 235



237, 202, 188



170, 194, 216

Square

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



237, 202, 188



185, 212, 201



170, 195, 226



217, 201, 229

Rectangle

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



237, 202, 188



195, 218, 178



170, 195, 226



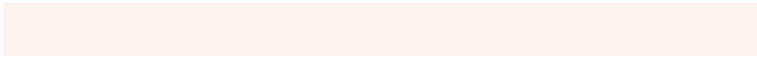
192, 204, 236

Sweetspot

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



237, 202, 188



255, 244, 240



237, 188, 226



128, 122, 119



0, 0, 0



128, 128, 128

Same Dimension

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



237, 202, 188



255, 209, 191



208, 237, 188



117, 108, 106



181, 51, 0



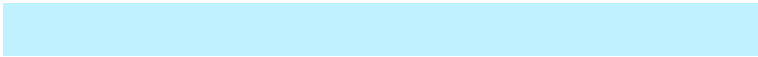
54, 15, 0

Inverse Universe

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



188, 209, 237



191, 219, 255



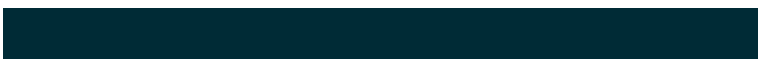
188, 199, 237



106, 111, 117



0, 79, 181



0, 24, 54

Previews

White Background



This preview shows how the RYB color 237, 202, 188 looks on a white background.

Color Contrast Check

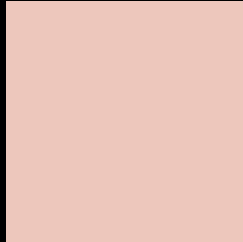
Large Text (above 18pt) WCAG AA × Fail

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, 202, 188 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, 202, 188 Background



This preview shows how black text looks on a background with the RYB color 237, 202, 188.



This preview shows how white text looks on a background with the RYB color 237, 202, 188.

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, 202, 188

Protanopia
204, 215, 192

Deuteranopia
234, 204, 188



Tritanopia
240, 195, 211

Trichromacy



Original Color
237, 202, 188

Protanomaly
223, 213, 191

Deuteranomaly
235, 204, 188

Tritanomaly
239, 196, 203

Monochromacy



Original Color
237, 202, 188

Achromatopsia
209, 209, 209

Achromatomaly
219, 206, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 202, 188 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, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(237, 199, 188)  
}
```

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, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 199, 188) }
```

Border

The CSS property to change the border of an element to RYB 237, 202, 188 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, 199, 188) }
```

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

```
.border{ border-color:rgb(237, 199, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 199, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 199, 188); box-shadow:4px 4px 4px 4px rgb(237, 199, 188) }
```

Background

The CSS property to change the background color of an element to RGB 237, 199, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 199, 188) }
```

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

```
.background{ background-color: rgb(237,  
199, 188) }
```

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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