

Converting Colors

`RYB(237, 222, 192)`

Have a look what the booklet for
RYB(237, 222, 192) contains.

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Color

R_YB(237, 222, 192)

Conversions

Conversions Part 1

Format	Color
Hex	EDD2C0
RGB	237, 210, 192
RGB Percent	93%, 82%, 75%
CMY	0.0706, 0.1765, 0.2471
CMYK	0.00, 0.11, 0.19, 0.07
HSL	24°, 56%, 84%
HSV	24°, 19%, 93%
XYZ	67.4861, 67.9035, 59.4190
YIQ	216.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

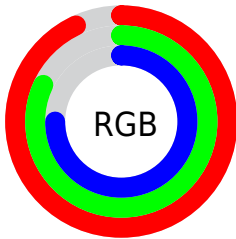
Format	Color
RYB	237, 222, 192
Decimal	15585984
CIELab	85.96, 6.59, 12.35
CIElCh	86, 13.999, 61.930
Yxy	67.9035, 0.3464, 0.3486
Android (android.graphics.Color)	4293776064 (0xFFEDD2C0)
YUV	216.0210, -11.8424, 18.3986
Hunter-Lab	82.4036, 1.9799, 14.9301

Details

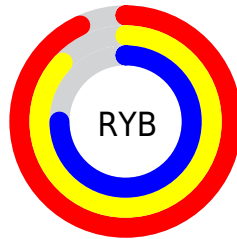
The RYB color **237, 222, 192** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **192, 209, 237**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **248, 255, 248**, and **181, 168, 139** is the 20% darker color. If you saturate the color by 10%, you get **237, 215, 168**, and if you desaturate by 10%, it is **237, 229, 216**.

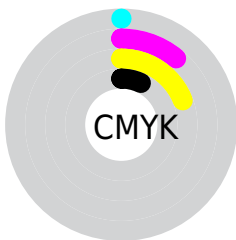
Distribution



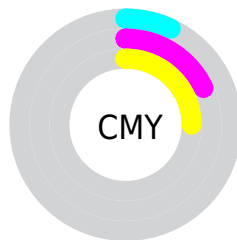
- Red (93%)
- Green (82%)
- Blue (75%)



- Red (93%)
- Yellow (87%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 222, 192 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, 222, 192 by changing the saturation by 10% instead.


 237, 222, 192


255, 255, 255

 248, 255, 248

 237, 222, 192

 209, 193, 165

 181, 168, 139

 154, 142, 113

 127, 114, 89

 102, 90, 65

 77, 67, 43

 54, 47, 22

 33, 28, 0

 0, 0, 0

 237, 222, 192


 237, 222, 192

 237, 215, 168

 237, 229, 216

 237, 207, 145

 237, 238, 239

 237, 197, 121

 237, 245, 255

 237, 190, 97

 237, 246, 255

 237, 183, 73

 237, 175, 50

 237, 166, 26

 237, 159, 2

 237, 159, 0

Harmonies

Analogous

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



243, 208, 201



237, 222, 192



205, 225, 189

Triad

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



237, 222, 192



185, 206, 223



219, 211, 237

Complementary

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



237, 222, 192



192, 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.



202, 212, 241



237, 222, 192



182, 203, 228

Square

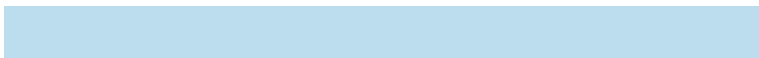
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237, 222, 192



195, 216, 222



188, 208, 238



233, 208, 228

Rectangle

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



237, 222, 192



190, 217, 192



188, 208, 238



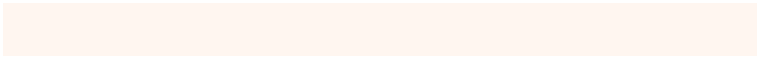
213, 213, 239

Sweetspot

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



237, 222, 192



255, 250, 240



237, 192, 219



128, 124, 119



0, 0, 0



128, 128, 128

Same Dimension

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



237, 222, 192



255, 236, 196



198, 237, 192



117, 112, 106



181, 120, 0



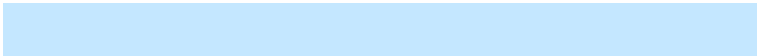
54, 34, 0

Inverse Universe

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



192, 209, 237



196, 218, 255



192, 196, 237



106, 110, 117



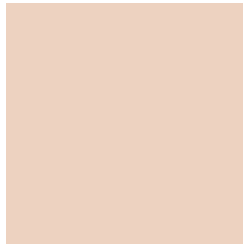
0, 68, 181



0, 20, 54

Previews

White Background



This preview shows how the RYB color 237, 222, 192 looks on a white background.

Color Contrast Check

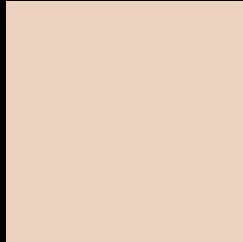
Large Text (above 18pt) WCAG AA × Fail

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, 222, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

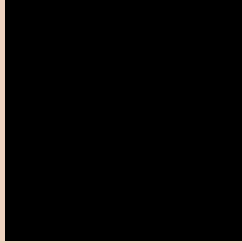
Any Text WCAG AA ✓ Pass

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, 222, 192 Background



This preview shows how black text looks on a background with the RYB color 237, 222, 192.



This preview shows how white text looks on a background with the RYB color 237, 222, 192.

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, 222, 192

Protanopia
209, 224, 194

Deuteranopia
244, 212, 193



Tritanopia
241, 206, 222

Trichromacy



Original Color

237, 222, 192

Protanomaly

222, 229, 193

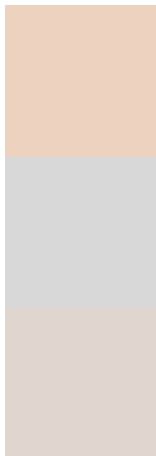
Deuteranomaly

241, 215, 193

Tritanomaly

240, 207, 211

Monochromacy



Original Color

237, 222, 192

Achromatopsia

216, 216, 216

Achromatomaly

224, 219, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 222, 192 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, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 210, 192)  
}
```

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, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 210, 192) }
```

Border

The CSS property to change the border of an element to RYB 237, 222, 192 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, 210, 192) }
```

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

```
.border{ border-color:rgb(237, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 210,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 237, 222, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 210, 192) }
```

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

```
.background{ background-color: rgb(237,  
210, 192) }
```

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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