

Converting Colors

`RYB(237, 237, 179)`

Have a look what the booklet for
RYB(237, 237, 179) contains.

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Color

R_YB(237, 237, 179)

Conversions

Conversions Part 1

Format	Color
Hex	EDD0B3
RGB	237, 208, 179
RGB Percent	93%, 82%, 70%
CMY	0.0706, 0.1843, 0.2980
CMYK	0.00, 0.12, 0.24, 0.07
HSL	30°, 62%, 82%
HSV	30°, 24%, 93%
XYZ	65.6176, 66.3709, 52.0003
YIQ	213.3650, 26.5930, -2.8710

Conversions

Conversions Part 2

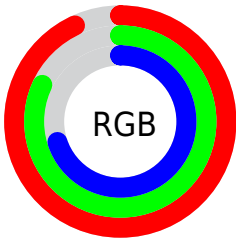
Format	Color
R _{YB}	237, 237, 179
Decimal	15585459
CIE Lab	85.19, 5.76, 18.13
CIE LCh	85, 19.021, 72.362
Yxy	66.3709, 0.3566, 0.3607
Android (android.graphics.Color)	4293775539 (0xFFEDD0B3)
YUV	213.3650, -16.9419, 20.7279
Hunter-Lab	81.4684, 1.2008, 19.1838

Details

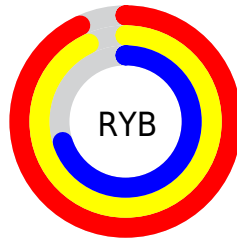
The RYB color **237, 237, 179** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **179, 198, 237**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **235, 255, 235**, and **176, 180, 126** is the 20% darker color. If you saturate the color by 10%, you get **237, 237, 155**, and if you desaturate by 10%, it is **237, 237, 203**.

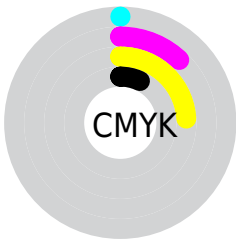
Distribution



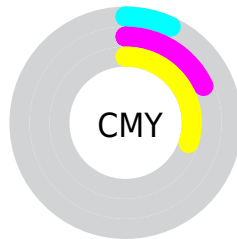
- Red (93%)
- Green (82%)
- Blue (70%)



- Red (93%)
- Yellow (93%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 237, 179 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, 237, 179 by changing the saturation by 10% instead.

 237, 237, 179

255, 255, 255


 235, 255, 235

 237, 237, 179

 208, 208, 152

 176, 180, 126


 149, 153, 101

 123, 127, 77

 95, 101, 54

 69, 76, 32

 44, 53, 10

 31, 22, 0

 0, 0, 0

 237, 237, 179

 237, 237, 179

 237, 237, 155


 237, 237, 203

 237, 235, 132


 235, 237, 226

 237, 235, 108

 237, 242, 250

 235, 237, 84

 237, 246, 255

 235, 237, 60

 237, 237, 37

 237, 237, 13

 237, 235, 0

Harmonies

Analogous

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



248, 207, 189



237, 237, 179



184, 219, 178

Triad

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



237, 237, 179



167, 196, 223



225, 206, 239

Complementary

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



237, 237, 179



179, 198, 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, 210, 248



237, 237, 179



167, 198, 236

Square

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



237, 237, 179



180, 208, 222



181, 205, 247



243, 202, 224

Rectangle

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



237, 237, 179



182, 218, 194



181, 205, 247



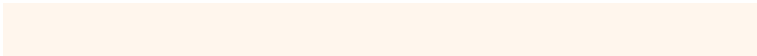
218, 208, 243

Sweetspot

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



237, 237, 179



255, 255, 237



237, 179, 208



128, 126, 117



0, 0, 0



128, 128, 128

Same Dimension

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



237, 237, 179



255, 255, 181



179, 237, 179



117, 115, 106



179, 181, 0



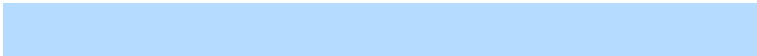
54, 54, 0

Inverse Universe

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



179, 198, 237



181, 206, 255



179, 179, 237



106, 109, 117



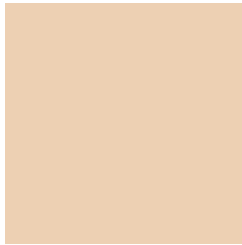
0, 61, 181



0, 18, 54

Previews

White Background



This preview shows how the RYB color 237, 237, 179 looks on a white background.

Color Contrast Check

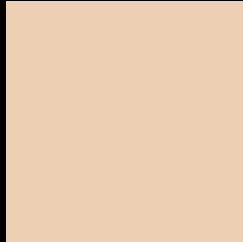
Large Text (above 18pt) WCAG AA × Fail

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, 237, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

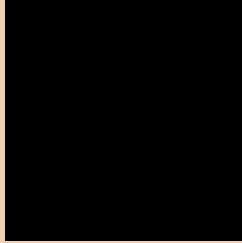
Any Text WCAG AA ✓ Pass

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, 237, 179 Background



This preview shows how black text looks on a background with the RYB color 237, 237, 179.



This preview shows how white text looks on a background with the RYB color 237, 237, 179.

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](#).

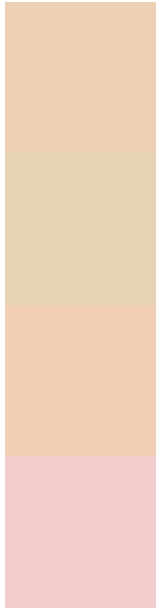
Dichromacy





Tritanopia
242, 202, 218

Trichromacy



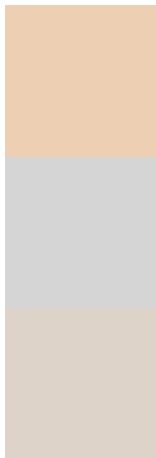
Original Color
237, 237, 179

Protanomaly
208, 229, 180

Deuteranomaly
242, 225, 180

Tritanomaly
240, 204, 204

Monochromacy



Original Color
237, 237, 179

Achromatopsia
213, 213, 213

Achromatomaly
222, 220, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 237, 179 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, 208, 179)` looks like.

```
.text, #text, p{  
    color:rgb(237, 208, 179)  
}
```

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, 208, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 208, 179) }
```

Border

The CSS property to change the border of an element to RYB 237, 237, 179 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, 208, 179) }
```

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

```
.border{ border-color:rgb(237, 208, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 208, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 208, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 208, 179);  
box-shadow:4px 4px 4px 4px rgb(237, 208,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 237, 208, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 208, 179) }
```

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

```
.background{ background-color: rgb(237,  
208, 179) }
```

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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