

Converting Colors

`RYB(210, 226, 199)`

Have a look what the booklet for
RYB(210, 226, 199) contains.

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Color

R_YB(210, 226, 199)

Conversions

Conversions Part 1

Format	Color
Hex	E2DAC7
RGB	226, 218, 199
RGB Percent	89%, 85%, 78%
CMY	0.1137, 0.1444, 0.2196
CMYK	0.00, 0.03, 0.12, 0.11
HSL	43°, 32%, 83%
HSV	43°, 12%, 89%
XYZ	66.7920, 70.5307, 64.1263
YIQ	218.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

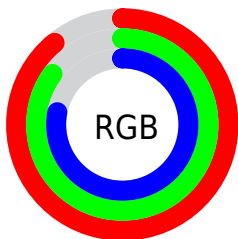
Format	Color
RYB	210, 226, 199
Decimal	14867143
CIELab	87.26, -0.54, 10.38
CIELCh	87, 10.398, 92.996
Yxy	70.5307, 0.3316, 0.3501
Android (android.graphics.Color)	4293057223 (0xFFE2DAC7)
YUV	218.2260, -9.4784, 6.8178
Hunter-Lab	83.9825, -5.0069, 13.5159

Details

The RYB color **210, 226, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 205, 226**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 171, 145** is the 20% darker color. If you saturate the color by 10%, you get **195, 226, 176**, and if you desaturate by 10%, it is **223, 226, 222**.

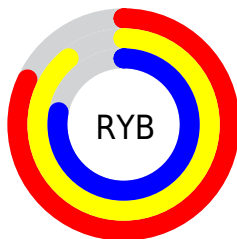
Distribution



Red (89%)

Green (85%)

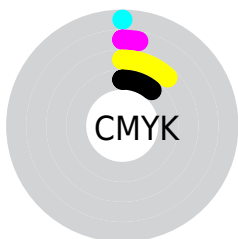
Blue (78%)



Red (82%)

Yellow (89%)

Blue (78%)

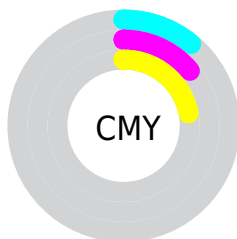


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 226, 199 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 210, 226, 199 by changing the saturation by 10% instead.

■ 210, 226, 199

255, 255, 255

■ 210, 226, 199

■ 184, 198, 172

■ 157, 171, 145

■ 129, 144, 119

■ 103, 118, 95

■ 79, 93, 71

■ 57, 70, 49

■ 35, 47, 28

■ 7, 27, 1

■ 0, 0, 0

210, 226, 199

210, 226, 199

195, 226, 176

223, 226, 222

184, 226, 154

226, 230, 244

169, 226, 131

226, 234, 255

157, 226, 109

226, 237, 255

144, 226, 86

226, 239, 255

129, 226, 63

226, 241, 255

117, 226, 41

102, 226, 18

91, 226, 0

Harmonies

Analogous

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



235, 225, 201



210, 226, 199



202, 221, 208

Triad

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



210, 226, 199



194, 210, 229



233, 213, 228

Complementary

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



210, 226, 199



199, 205, 226

Split Complementary

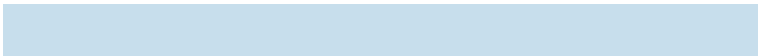
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222, 216, 235



210, 226, 199



199, 213, 236

Square

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



210, 226, 199



196, 212, 225



210, 217, 238



239, 212, 218

Rectangle

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



210, 226, 199



206, 223, 222



210, 217, 238



229, 214, 231

Sweetspot

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



210, 226, 199



249, 255, 245



226, 199, 207



124, 128, 121



0, 0, 0



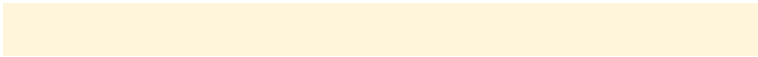
128, 128, 128

Same Dimension

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



210, 226, 199



233, 255, 219



199, 226, 204



105, 112, 101



72, 176, 0



20, 48, 0

Inverse Universe

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



199, 205, 226



219, 227, 255



204, 199, 226



101, 103, 112



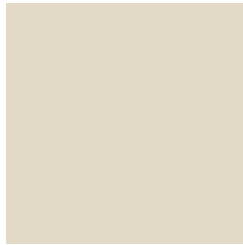
0, 40, 176



0, 11, 48

Previews

White Background



This preview shows how the RYB color 210, 226, 199 looks on a white background.

Color Contrast Check

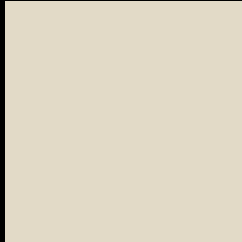
Large Text (above 18pt) WCAG AA × Fail

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 210, 226, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

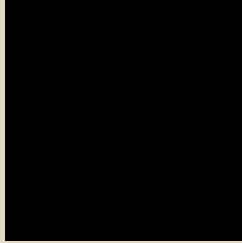
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

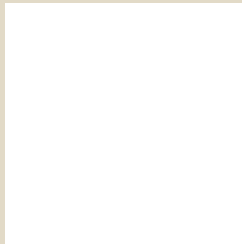
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 210, 226, 199 Background



This preview shows how black text looks on a background with the RYB color 210, 226, 199.

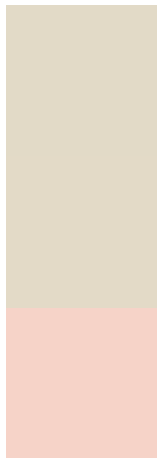


This preview shows how white text looks on a background with the RYB color 210, 226, 199.

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
210, 226, 199

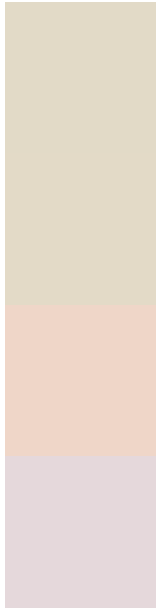
Protanopia
212, 227, 199

Deuteranopia
246, 214, 200



Tritanopia
230, 214, 230

Trichromacy



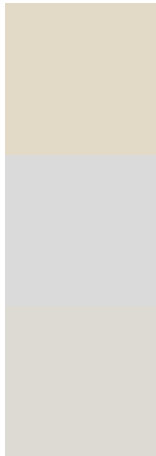
Original Color
210, 226, 199

Protanomaly
212, 227, 199

Deuteranomaly
239, 222, 200

Tritanomaly
229, 216, 219

Monochromacy



Original Color
210, 226, 199

Achromatopsia
218, 218, 218

Achromatomaly
215, 221, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 226, 199 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(226, 218, 199) looks like.

```
.text, #text, p{  
    color:rgb(226, 218, 199)  
}
```

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(226, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 218, 199) }
```

Border

The CSS property to change the border of an element to RYB 210, 226, 199 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(226, 218, 199) }
```

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

```
.border{ border-color:rgb(226, 218, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 218, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 218, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 218, 199); box-shadow:4px 4px 4px 4px rgb(226, 218, 199) }
```

Background

The CSS property to change the background color of an element to RYB 210, 226, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 218, 199) }
```

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

```
.background{ background-color: rgb(226,  
218, 199) }
```

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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