

Converting Colors

`RYB(201, 222, 199)`

Have a look what the booklet for
RYB(201, 222, 199) contains.

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Color

R_YB(201, 222, 199)

Conversions

Conversions Part 1

Format	Color
Hex	DEDCC7
RGB	222, 220, 199
RGB Percent	87%, 86%, 78%
CMY	0.1294, 0.1366, 0.2196
CMYK	0.00, 0.01, 0.10, 0.13
HSL	55°, 26%, 83%
HSV	55°, 10%, 87%
XYZ	66.0682, 70.9235, 64.2403
YIQ	218.2040, 7.9330, -6.1070

Conversions

Conversions Part 2

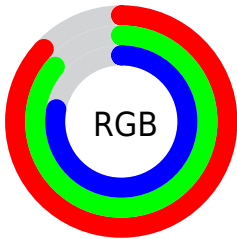
Format	Color
RYB	201, 222, 199
Decimal	14605511
CIELab	87.45, -2.98, 10.61
CIELCh	87, 11.025, 105.681
Yxy	70.9235, 0.3283, 0.3524
Android (android.graphics.Color)	4292795591 (0xFFDEDCC7)
YUV	218.2040, -9.4676, 3.3291
Hunter-Lab	84.2161, -7.3435, 13.7247

Details

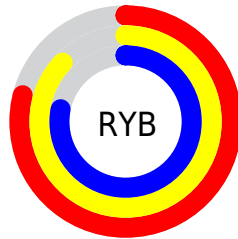
The RYB color **201, 222, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 201, 222**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 255**, and **147, 167, 145** is the 20% darker color. If you saturate the color by 10%, you get **181, 222, 177**, and if you desaturate by 10%, it is **221, 222, 221**.

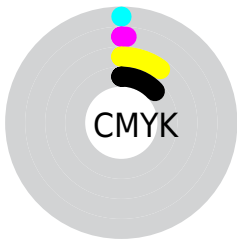
Distribution



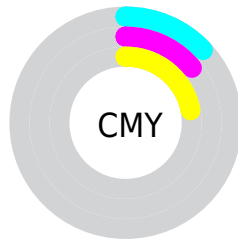
- Red (87%)
- Green (86%)
- Blue (78%)



- Red (79%)
- Yellow (87%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 222, 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 201, 222, 199 by changing the saturation by 10% instead.

■ 201, 222, 199

255, 255, 255

■ 201, 222, 199

■ 174, 194, 172

■ 147, 167, 145

■ 120, 140, 119

■ 97, 115, 95

■ 72, 90, 71

■ 50, 67, 49

■ 28, 44, 28

■ 3, 25, 1

■ 0, 0, 0

 201, 222, 199

 201, 222, 199

 181, 222, 177

 221, 222, 221

 160, 222, 155


 222, 224, 243

 140, 222, 132

 222, 225, 255

 120, 222, 110

 222, 226, 255

 100, 222, 88

 222, 228, 255

 79, 222, 66


 222, 229, 255

 59, 222, 44

 222, 230, 255

 38, 222, 21

 222, 231, 255

 20, 222, 0

 222, 232, 255

Harmonies

Analogous

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



229, 233, 199



201, 222, 199



204, 223, 217

Triad

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



201, 222, 199



195, 212, 234



238, 213, 225

Complementary

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



201, 222, 199



199, 201, 222

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.



228, 215, 234



201, 222, 199



203, 215, 239

Square

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



201, 222, 199



194, 210, 225



215, 218, 239



242, 212, 214

Rectangle

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



201, 222, 199



202, 219, 225



215, 218, 239



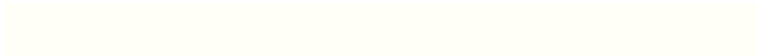
235, 213, 228

Sweetspot

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



201, 222, 199



248, 255, 247



222, 199, 201



123, 128, 122



0, 0, 0



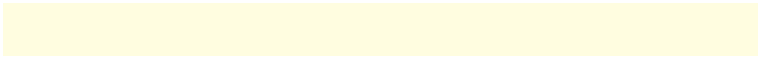
128, 128, 128

Same Dimension

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



201, 222, 199



226, 255, 224



199, 222, 209



102, 112, 101



15, 176, 0



3, 48, 0

Inverse Universe

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



199, 201, 222



224, 227, 255



209, 199, 222



101, 102, 112



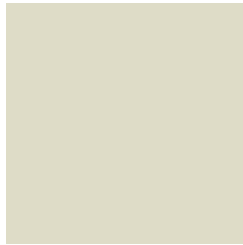
0, 13, 176



0, 4, 48

Previews

White Background



This preview shows how the RYB color 201, 222, 199 looks on a white background.

Color Contrast Check

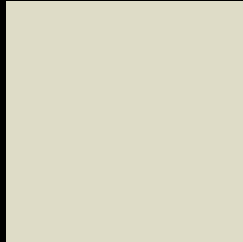
Large Text (above 18pt) WCAG AA × Fail

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 201, 222, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

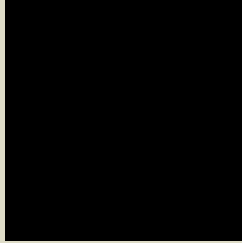
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

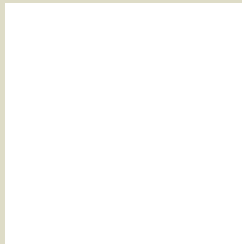
Any Text WCAG AAA ✓ Pass

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

RYB 201, 222, 199 Background



This preview shows how black text looks on a background with the RYB color 201, 222, 199.



This preview shows how white text looks on a background with the RYB color 201, 222, 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](#).

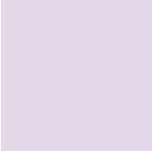
Dichromacy



Original Color
201, 222, 199

Protanopia
213, 228, 198

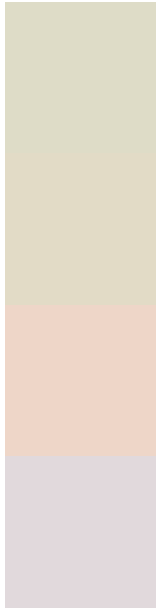
Deuteranopia
247, 214, 201



Tritanopia

227, 215, 232

Trichromacy



Original Color

201, 222, 199

Protanomaly

207, 226, 198

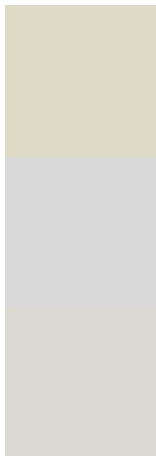
Deuteranomaly

238, 222, 200

Tritanomaly

225, 217, 220

Monochromacy



Original Color

201, 222, 199

Achromatopsia

218, 218, 218

Achromatomaly

211, 219, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 222, 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(222, 220, 199)` looks like.

```
.text, #text, p{  
    color:rgb(222, 220, 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(222, 220, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 220, 199) }
```

Border

The CSS property to change the border of an element to RYB 201, 222, 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(222, 220, 199) }
```

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

```
.border{ border-color:rgb(222, 220, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 220, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 220, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 220, 199);  
box-shadow:4px 4px 4px 4px rgb(222, 220,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 222, 220, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 220, 199) }
```

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

```
.background{ background-color: rgb(222,  
220, 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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