

Converting Colors

`RYB(195, 222, 182)`

Have a look what the booklet for
RYB(195, 222, 182) contains.

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Color

R_YB(195, 222, 182)

Conversions

Conversions Part 1

Format	Color
Hex	DED4B6
RGB	222, 212, 182
RGB Percent	87%, 83%, 71%
CMY	0.1294, 0.1679, 0.2863
CMYK	0.00, 0.04, 0.18, 0.13
HSL	45°, 38%, 79%
HSV	45°, 18%, 87%
XYZ	62.1584, 66.0884, 53.7362
YIQ	211.5700, 15.5900, -7.2100

Conversions

Conversions Part 2

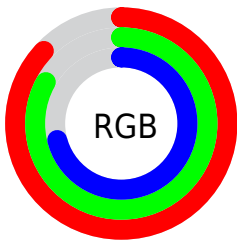
Format	Color
RYB	195, 222, 182
Decimal	14603446
CIELab	85.04, -1.52, 16.16
CIELCh	85, 16.229, 95.384
Yxy	66.0884, 0.3416, 0.3632
Android (android.graphics.Color)	4292793526 (0xFFDED4B6)
YUV	211.5700, -14.5780, 9.1471
Hunter-Lab	81.2947, -5.7838, 17.7154

Details

The RYB color **195, 222, 182** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **182, 190, 222**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **238, 255, 238**, and **143, 167, 129** is the 20% darker color. If you saturate the color by 10%, you get **180, 222, 160**, and if you desaturate by 10%, it is **209, 222, 204**.

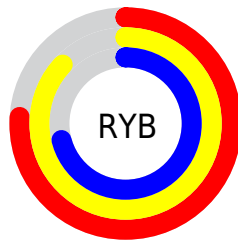
Distribution



Red (87%)

Green (83%)

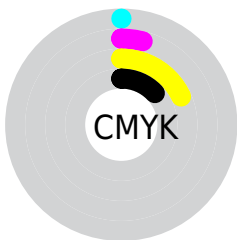
Blue (71%)



Red (76%)

Yellow (87%)

Blue (71%)

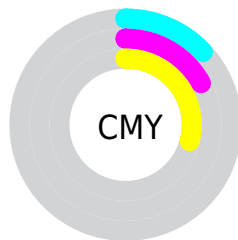


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (13%)



Cyan (13%)

Magenta (17%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 222, 182 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 195, 222, 182 by changing the saturation by 10% instead.

 195, 222, 182


255, 255, 255

 238, 255, 238

 195, 222, 182

 167, 194, 155

 141, 167, 129

 114, 140, 104

 90, 114, 80

 66, 89, 57

 44, 66, 35

 20, 43, 14

 5, 21, 0

 0, 0, 0

 195, 222, 182

 195, 222, 182

 180, 222, 160

 209, 222, 204

 166, 222, 138


 222, 223, 226

 149, 222, 115

 222, 228, 249

 136, 222, 93

 222, 231, 255

 120, 222, 71

 222, 233, 255

 104, 222, 49


 222, 236, 255

 91, 222, 27

 222, 237, 255

 74, 222, 4

 222, 239, 255

 71, 222, 0

Harmonies

Analogous

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



236, 224, 185



195, 222, 182



187, 217, 199

Triad

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



195, 222, 182



173, 199, 230



235, 204, 225

Complementary

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



195, 222, 182



182, 190, 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.



219, 208, 237



195, 222, 182



182, 204, 240

Square

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



195, 222, 182



176, 201, 222



199, 210, 243



244, 202, 210

Rectangle

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



195, 222, 182



193, 217, 219



199, 210, 243



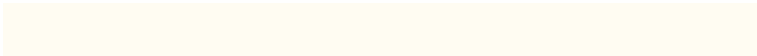
230, 205, 230

Sweetspot

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



195, 222, 182



246, 255, 242



222, 182, 192



123, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



195, 222, 182



218, 255, 199



182, 222, 192



105, 112, 101



57, 176, 0



14, 48, 0

Inverse Universe

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



182, 190, 222



199, 210, 255



192, 182, 222



101, 103, 112



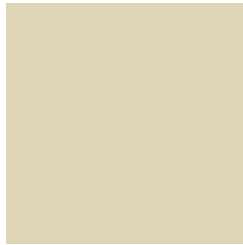
0, 35, 176



0, 10, 48

Previews

White Background



This preview shows how the RYB color 195, 222, 182 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 195, 222, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

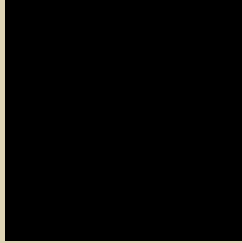
Any Text WCAG AA ✓ Pass

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 195, 222, 182 Background



This preview shows how black text looks on a background with the RYB color 195, 222, 182.



This preview shows how white text looks on a background with the RYB color 195, 222, 182.

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
195, 222, 182

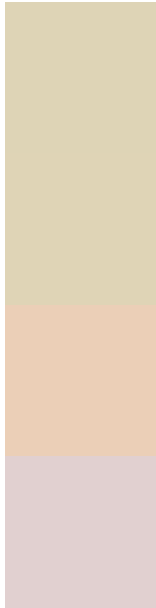
Protanopia
197, 223, 182

Deuteranopia
243, 214, 184



Tritanopia
227, 206, 223

Trichromacy



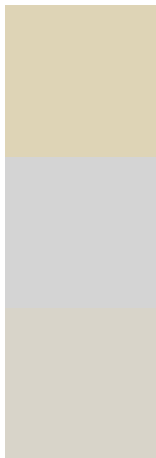
Original Color
195, 222, 182

Protanomaly
197, 223, 182

Deuteranomaly
235, 228, 183

Tritanomaly
225, 208, 208

Monochromacy



Original Color
195, 222, 182

Achromatopsia
212, 212, 212

Achromatomaly
206, 216, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 222, 182 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, 212, 182) looks like.

```
.text, #text, p{  
    color:rgb(222, 212, 182)  
}
```

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, 212, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 212, 182) }
```

Border

The CSS property to change the border of an element to RYB 195, 222, 182 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, 212, 182) }
```

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

```
.border{ border-color:rgb(222, 212, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 212, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 212, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 212, 182);  
box-shadow:4px 4px 4px 4px rgb(222, 212,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 195, 222, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 212, 182) }
```

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

```
.background{ background-color: rgb(222,  
212, 182) }
```

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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