

Converting Colors

`RYB(193, 219, 183)`

Have a look what the booklet for
RYB(193, 219, 183) contains.

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Color

RYB(193, 219, 183)

Conversions

Conversions Part 1

Format	Color
Hex	DBD3B7
RGB	219, 211, 183
RGB Percent	86%, 83%, 72%
CMY	0.1412, 0.1719, 0.2824
CMYK	0.00, 0.04, 0.16, 0.14
HSL	47°, 33%, 79%
HSV	47°, 16%, 86%
XYZ	61.0982, 65.1540, 54.1555
YIQ	210.2000, 13.7560, -7.0120

Conversions

Conversions Part 2

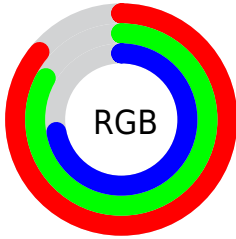
Format	Color
RYB	193, 219, 183
Decimal	14406583
CIELab	84.56, -1.94, 14.92
CIELCh	85, 15.049, 97.416
Yxy	65.1540, 0.3387, 0.3611
Android (android.graphics.Color)	4292596663 (0xFFDDBD3B7)
YUV	210.2000, -13.4096, 7.7176
Hunter-Lab	80.7180, -6.1439, 16.7236

Details

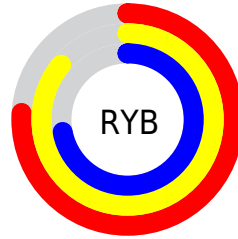
The RYB color **193, 219, 183** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **183, 190, 219**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **239, 255, 239**, and **139, 164, 130** is the 20% darker color. If you saturate the color by 10%, you get **178, 219, 161**, and if you desaturate by 10%, it is **209, 219, 205**.

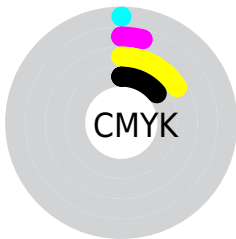
Distribution



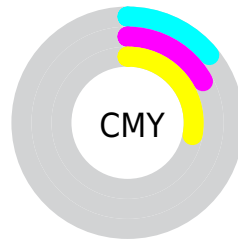
- Red (86%)
- Green (83%)
- Blue (72%)



- Red (76%)
- Yellow (86%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 219, 183 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 193, 219, 183 by changing the saturation by 10% instead.

 193, 219, 183

255, 255, 255

 239, 255, 239

 193, 219, 183


 165, 191, 156

 139, 164, 130

 112, 137, 105

 88, 112, 81

 66, 87, 58

 41, 63, 36

 20, 41, 15

 2, 18, 0

 0, 0, 0

 193, 219, 183

 193, 219, 183

 178, 219, 161


 209, 219, 205

 161, 219, 139


 219, 221, 227

 145, 219, 117

 219, 224, 249

 130, 219, 95

 219, 227, 255

 115, 219, 74

 219, 230, 255

 98, 219, 52


 219, 232, 255

 82, 219, 30

 219, 234, 255

 67, 219, 8

 219, 235, 255

 61, 219, 0

 219, 237, 255

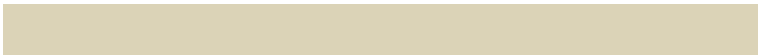
Harmonies

Analogous

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



233, 226, 185



193, 219, 183



188, 215, 200

Triad

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



193, 219, 183



175, 199, 228



233, 203, 222

Complementary

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



193, 219, 183



183, 190, 219

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.



218, 206, 234



193, 219, 183



184, 204, 237

Square

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



193, 219, 183



177, 200, 220



200, 209, 239



241, 201, 208

Rectangle

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



193, 219, 183



192, 215, 218



200, 209, 239



229, 204, 227

Sweetspot

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



193, 219, 183



246, 255, 242



219, 183, 191



123, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



193, 219, 183



218, 255, 204



183, 219, 193



103, 110, 99



47, 173, 0



13, 46, 0

Inverse Universe

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



183, 190, 219



204, 213, 255



193, 183, 219



99, 101, 110



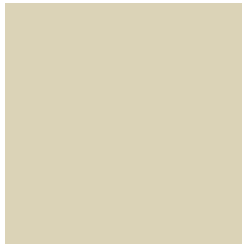
0, 31, 173



0, 8, 46

Previews

White Background



This preview shows how the RYB color 193, 219, 183 looks on a white background.

Color Contrast Check

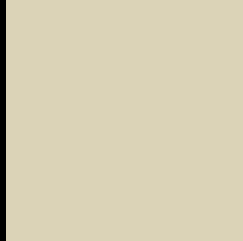
Large Text (above 18pt) WCAG AA × Fail

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 193, 219, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

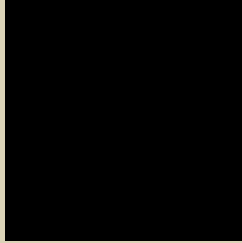
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

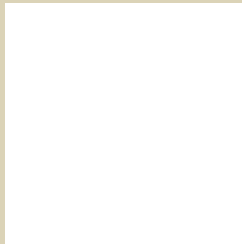
Any Text WCAG AAA ✓ Pass

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

RYB 193, 219, 183 Background



This preview shows how black text looks on a background with the RYB color 193, 219, 183.



This preview shows how white text looks on a background with the RYB color 193, 219, 183.

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
193, 219, 183

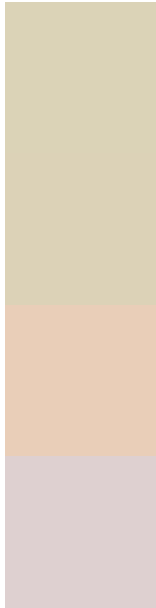
Protanopia
198, 221, 183

Deuteranopia
241, 212, 185



Tritanopia
224, 206, 222

Trichromacy



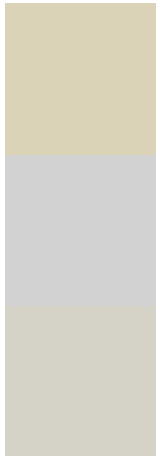
Original Color
193, 219, 183

Protanomaly
197, 220, 183

Deuteranomaly
233, 224, 184

Tritanomaly
222, 208, 208

Monochromacy



Original Color
193, 219, 183

Achromatopsia
210, 210, 210

Achromatomaly
204, 213, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 219, 183 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(219, 211, 183)` looks like.

```
.text, #text, p{  
    color:rgb(219, 211, 183)  
}
```

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(219, 211, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 211, 183) }
```

Border

The CSS property to change the border of an element to RYB 193, 219, 183 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(219, 211, 183) }
```

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

```
.border{ border-color:rgb(219, 211, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 211, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 211, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 211, 183);  
box-shadow:4px 4px 4px 4px rgb(219, 211,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 193, 219, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 211, 183) }
```

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

```
.background{ background-color: rgb(219,  
211, 183) }
```

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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