

Converting Colors

`RYB(190, 216, 187)`

Have a look what the booklet for
RYB(190, 216, 187) contains.

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Color

R_YB(190, 216, 187)

Conversions

Conversions Part 1

Format	Color
Hex	D8D5BB
RGB	216, 213, 187
RGB Percent	85%, 84%, 73%
CMY	0.1529, 0.1636, 0.2667
CMYK	0.00, 0.01, 0.13, 0.15
HSL	54°, 27%, 79%
HSV	54°, 13%, 85%
XYZ	61.1536, 65.9169, 56.5138
YIQ	210.9330, 10.1340, -7.4500

Conversions

Conversions Part 2

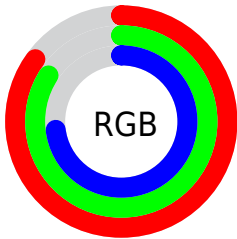
Format	Color
RYB	190, 216, 187
Decimal	14210491
CIELab	84.95, -3.50, 13.33
CIELCh	85, 13.781, 104.701
Yxy	65.9169, 0.3331, 0.3591
Android (android.graphics.Color)	4292400571 (0xFFD8D5BB)
YUV	210.9330, -11.7990, 4.4438
Hunter-Lab	81.1892, -7.6308, 15.5622

Details

The RYB color **190, 216, 187** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **187, 190, 216**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **243, 255, 243**, and **137, 161, 134** is the 20% darker color. If you saturate the color by 10%, you get **171, 216, 165**, and if you desaturate by 10%, it is **210, 216, 209**.

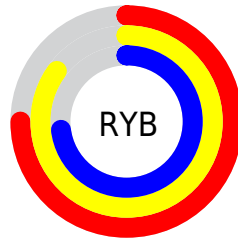
Distribution



Red (85%)

Green (84%)

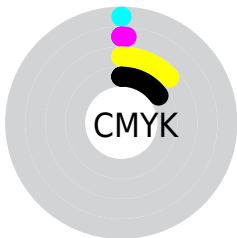
Blue (73%)



Red (75%)

Yellow (85%)

Blue (73%)

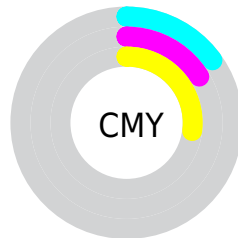


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 216, 187 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 190, 216, 187 by changing the saturation by 10% instead.

 190, 216, 187


255, 255, 255

 243, 255, 243

 190, 216, 187

 162, 188, 160

 136, 161, 134

 110, 135, 108

 86, 109, 84

 63, 85, 61

 40, 61, 39

 18, 39, 18

 0, 18, 1

 0, 0, 0

 190, 216, 187

 190, 216, 187

 171, 216, 165

 210, 216, 209

 152, 216, 144

 216, 217, 230

 132, 216, 122

 216, 219, 252

 113, 216, 101

 216, 220, 255

 93, 216, 79

 216, 222, 255

 74, 216, 57

 216, 223, 255

 55, 216, 36

 216, 225, 255

 35, 216, 14

 216, 226, 255

 22, 216, 0

 216, 227, 255

Harmonies

Analogous

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



225, 229, 187



190, 216, 187



193, 217, 209

Triad

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



190, 216, 187



181, 202, 230



235, 204, 219

Complementary

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



190, 216, 187



187, 190, 216

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, 207, 231



190, 216, 187



191, 207, 237

Square

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



190, 216, 187



180, 201, 220



206, 210, 237



240, 203, 206

Rectangle

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



190, 216, 187



192, 212, 219



206, 210, 237



231, 205, 224

Sweetspot

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



190, 216, 187



246, 255, 245



216, 187, 190



122, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



190, 216, 187



218, 255, 214



187, 216, 199



97, 107, 96



18, 171, 0



4, 43, 0

Inverse Universe

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



187, 190, 216



214, 218, 255



199, 187, 216



96, 97, 107



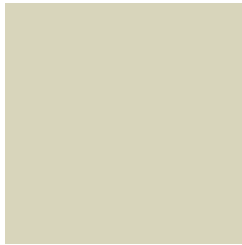
0, 15, 171



0, 4, 43

Previews

White Background



This preview shows how the RYB color 190, 216, 187 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 190, 216, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

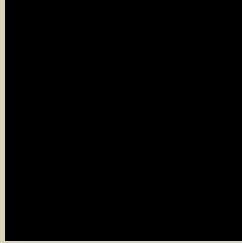
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

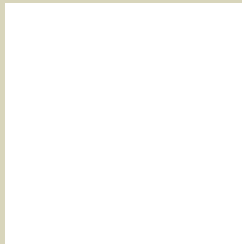
Any Text WCAG AAA ✓ Pass

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

RYB 190, 216, 187 Background



This preview shows how black text looks on a background with the RYB color 190, 216, 187.



This preview shows how white text looks on a background with the RYB color 190, 216, 187.

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
190, 216, 187

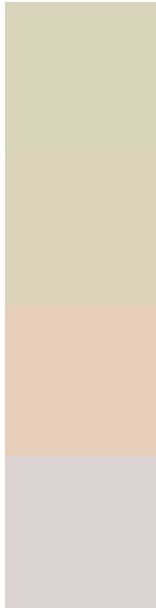
Protanopia
202, 222, 186

Deuteranopia
241, 210, 189



Tritanopia
221, 208, 224

Trichromacy



Original Color

190, 216, 187

Protanomaly

196, 220, 186

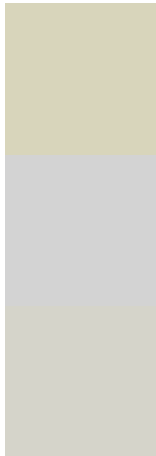
Deuteranomaly

232, 221, 188

Tritanomaly

219, 210, 211

Monochromacy



Original Color

190, 216, 187

Achromatopsia

211, 211, 211

Achromatomaly

203, 213, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 216, 187 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(216, 213, 187) looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 187)  
}
```

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(216, 213, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 187) }
```

Border

The CSS property to change the border of an element to RYB 190, 216, 187 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(216, 213, 187) }
```

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

```
.border{ border-color:rgb(216, 213, 187) }
```

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

Here you see how a box with a 4 pixel rgb(216, 213, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 213, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 213, 187);  
box-shadow:4px 4px 4px 4px rgb(216, 213,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 190, 216, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 187) }
```

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

```
.background{ background-color: rgb(216,  
213, 187) }
```

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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