

Converting Colors

`RYB(202, 215, 190)`

Have a look what the booklet for
RYB(202, 215, 190) contains.

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Color

R_YB(202, 215, 190)

Conversions

Conversions Part 1

Format	Color
Hex	D7CFBE
RGB	215, 207, 190
RGB Percent	84%, 81%, 75%
CMY	0.1569, 0.1887, 0.2549
CMYK	0.00, 0.04, 0.12, 0.16
HSL	41°, 24%, 79%
HSV	41°, 12%, 84%
XYZ	59.6052, 62.7381, 57.6833
YIQ	207.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

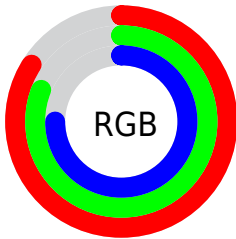
Format	Color
RYB	202, 215, 190
Decimal	14143422
CIELab	83.30, -0.06, 9.38
CIElCh	83, 9.384, 90.371
Yxy	62.7381, 0.3311, 0.3485
Android (android.graphics.Color)	4292333502 (0xFFD7CFBE)
YUV	207.4540, -8.6048, 6.6178
Hunter-Lab	79.2074, -4.2878, 12.2668

Details

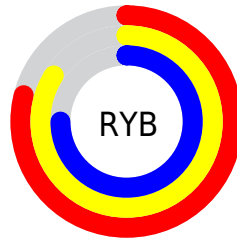
The RYB color **202, 215, 190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 196, 215**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **246, 255, 246**, and **147, 160, 137** is the 20% darker color. If you saturate the color by 10%, you get **191, 215, 169**, and if you desaturate by 10%, it is **214, 215, 212**.

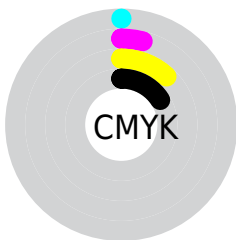
Distribution



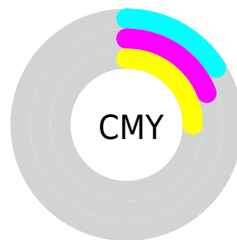
- Red (84%)
- Green (81%)
- Blue (75%)



- Red (79%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 215, 190 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 202, 215, 190 by changing the saturation by 10% instead.

■ 202, 215, 190

255, 255, 255

■ 246, 255, 246

■ 202, 215, 190

■ 175, 187, 163

■ 147, 160, 137

■ 121, 134, 111

■ 97, 109, 87

■ 73, 84, 64

■ 51, 61, 42

■ 28, 39, 21

■ 9, 17, 0

■ 0, 0, 0

 202, 215, 190

 202, 215, 190

 191, 215, 169

 214, 215, 212

 180, 215, 147


 215, 220, 233

 169, 215, 126


 215, 225, 255

 157, 215, 104


 215, 228, 255

 147, 215, 83


 215, 231, 255

 135, 215, 61

 215, 233, 255

 125, 215, 40

 215, 235, 255

 113, 215, 18

 104, 215, 0

Harmonies

Analogous

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



223, 212, 192



202, 215, 190



192, 210, 197

Triad

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



202, 215, 190



186, 200, 216



219, 203, 216

Complementary

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



202, 215, 190



190, 196, 215

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.



210, 205, 223



202, 215, 190



190, 203, 223

Square

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



202, 215, 190



188, 202, 213



199, 206, 225



226, 202, 208

Rectangle

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



202, 215, 190



196, 211, 209



199, 206, 225



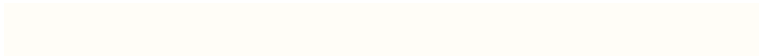
216, 204, 219

Sweetspot

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



202, 215, 190



250, 255, 247



215, 190, 198



125, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



202, 215, 190



237, 255, 219



190, 215, 194



100, 107, 96



83, 171, 0



21, 43, 0

Inverse Universe

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



190, 196, 215



219, 228, 255



194, 190, 215



96, 99, 107



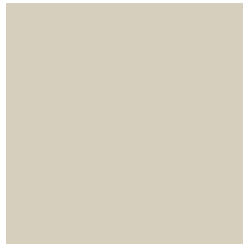
0, 42, 171



0, 11, 43

Previews

White Background



This preview shows how the RYB color 202, 215, 190 looks on a white background.

Color Contrast Check

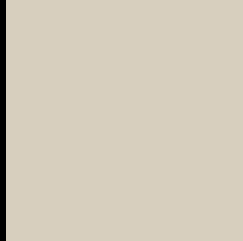
Large Text (above 18pt) WCAG AA × Fail

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 202, 215, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

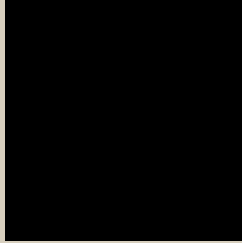
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

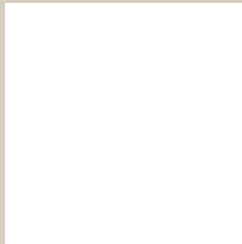
Any Text WCAG AAA ✓ Pass

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

R Y B 202, 215, 190 Background



This preview shows how black text looks on a background with the RYB color 202, 215, 190.

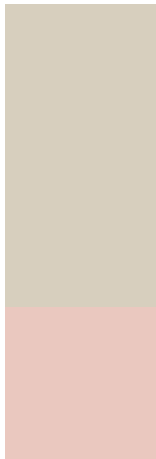


This preview shows how white text looks on a background with the RYB color 202, 215, 190.

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
202, 215, 190

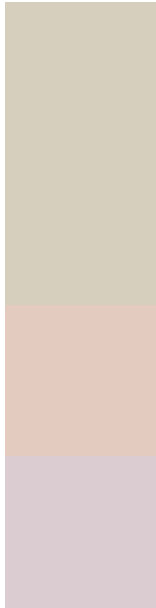
Protanopia
202, 215, 190

Deuteranopia
234, 202, 191



Tritanopia
219, 203, 219

Trichromacy



Original Color

202, 215, 190

Protanomaly

202, 215, 190

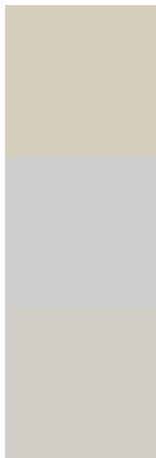
Deuteranomaly

227, 209, 191

Tritanomaly

218, 204, 208

Monochromacy



Original Color

202, 215, 190

Achromatopsia

207, 207, 207

Achromatomaly

206, 210, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 215, 190 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(215, 207, 190) looks like.

```
.text, #text, p{  
    color:rgb(215, 207, 190)  
}
```

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(215, 207, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 207, 190) }
```

Border

The CSS property to change the border of an element to RYB 202, 215, 190 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(215, 207, 190) }
```

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

```
.border{ border-color:rgb(215, 207, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 207, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 207, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 207, 190);  
box-shadow:4px 4px 4px 4px rgb(215, 207,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 202, 215, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 207, 190) }
```

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

```
.background{ background-color: rgb(215,  
207, 190) }
```

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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