

Converting Colors

`RYB(215, 215, 187)`

Have a look what the booklet for
RYB(215, 215, 187) contains.

RYB(215, 215, 187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(215, 215, 187)

Conversions

Conversions Part 1

Format	Color
Hex	D7C9BB
RGB	215, 201, 187
RGB Percent	84%, 79%, 73%
CMY	0.1569, 0.2118, 0.2667
CMYK	0.00, 0.07, 0.13, 0.16
HSL	30°, 26%, 79%
HSV	30°, 13%, 84%
XYZ	57.8806, 59.8082, 55.5072
YIQ	203.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

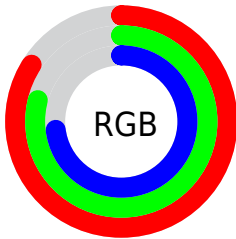
Format	Color
RYB	215, 215, 187
Decimal	14141883
CIELab	81.73, 2.54, 8.74
CIELCh	82, 9.099, 73.787
Yxy	59.8082, 0.3342, 0.3453
Android (android.graphics.Color)	4292331963 (0xFFD7C9BB)
YUV	203.5900, -8.1789, 10.0066
Hunter-Lab	77.3358, -1.7424, 11.5801

Details

The RYB color **215, 215, 187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 196, 215**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **243, 255, 243**, and **160, 160, 134** is the 20% darker color. If you saturate the color by 10%, you get **215, 213, 166**, and if you desaturate by 10%, it is **215, 215, 209**.

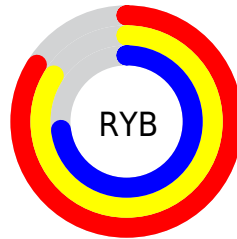
Distribution



Red (84%)

Green (79%)

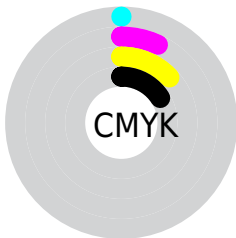
Blue (73%)



Red (84%)

Yellow (84%)

Blue (73%)

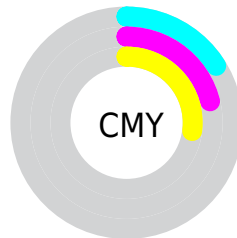


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (16%)



Cyan (16%)

Magenta (21%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 215, 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 215, 215, 187 by changing the saturation by 10% instead.


 215, 215, 187

255, 255, 255

 243, 255, 243

 215, 215, 187


 185, 187, 160

 160, 160, 134

 134, 132, 109

 104, 108, 84

 82, 84, 61

 61, 61, 39

 36, 38, 19

 15, 5, 0

 0, 0, 0

 215, 215, 187

 215, 215, 187

 215, 213, 166

 215, 215, 209

 213, 215, 144

 215, 220, 230

 213, 215, 122


 215, 227, 252


 215, 215, 101

 215, 232, 255


 215, 215, 79

 215, 235, 255

 213, 215, 58

 213, 215, 36

 215, 215, 15

 213, 215, 0

Harmonies

Analogous

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



221, 201, 192



215, 215, 187



189, 206, 187

Triad

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



215, 215, 187



183, 196, 208



210, 200, 215

Complementary

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



215, 215, 187



187, 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.



199, 202, 220



215, 215, 187



183, 197, 215

Square

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



215, 215, 187



188, 201, 208



189, 199, 219



218, 198, 208

Rectangle

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



215, 215, 187



189, 206, 196



189, 199, 219



206, 201, 217

Sweetspot

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



215, 215, 187



255, 255, 245



215, 187, 201



128, 126, 121



0, 0, 0



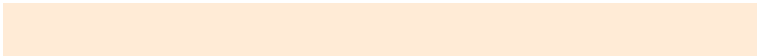
128, 128, 128

Same Dimension

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



215, 215, 187



253, 255, 214



187, 215, 187



105, 107, 96



171, 169, 0



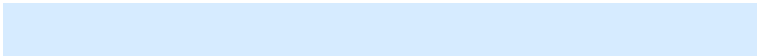
41, 43, 0

Inverse Universe

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



187, 196, 215



214, 228, 255



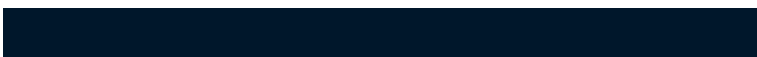
187, 187, 215



96, 100, 107



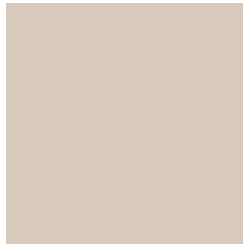
0, 57, 171



0, 15, 43

Previews

White Background



This preview shows how the RYB color 215, 215, 187 looks on a white background.

Color Contrast Check

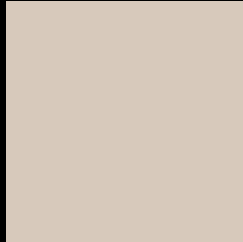
Large Text (above 18pt) WCAG AA × Fail

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 215, 215, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

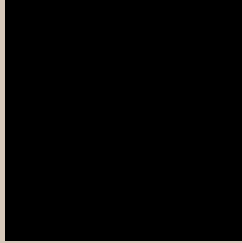
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

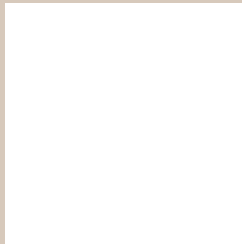
Any Text WCAG AAA ✓ Pass

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

RYB 215, 215, 187 Background



This preview shows how black text looks on a background with the RYB color 215, 215, 187.



This preview shows how white text looks on a background with the RYB color 215, 215, 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
215, 215, 187

Protanopia
201, 210, 188

Deuteranopia
228, 198, 188



Tritanopia
218, 197, 213

Trichromacy



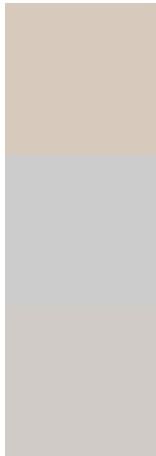
Original Color
215, 215, 187

Protanomaly
205, 212, 188

Deuteranomaly
223, 202, 188

Tritanomaly
217, 198, 204

Monochromacy



Original Color
215, 215, 187

Achromatopsia
204, 204, 204

Achromatomaly
208, 208, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 215, 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(215, 201, 187) looks like.

```
.text, #text, p{  
    color:rgb(215, 201, 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(215, 201, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 201, 187) }
```

Border

The CSS property to change the border of an element to RYB 215, 215, 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(215, 201, 187) }
```

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

```
.border{ border-color:rgb(215, 201, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 201, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 201, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 201, 187);  
box-shadow:4px 4px 4px 4px rgb(215, 201,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 215, 215, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 201, 187) }
```

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

```
.background{ background-color: rgb(215,  
201, 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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