

Converting Colors

`RYB(203, 215, 158)`

Have a look what the booklet for
RYB(203, 215, 158) contains.

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Color

R_YB(203, 215, 158)

Conversions

Conversions Part 1

Format	Color
Hex	D7BE9E
RGB	215, 190, 158
RGB Percent	84%, 75%, 62%
CMY	0.1569, 0.2555, 0.3804
CMYK	0.00, 0.12, 0.27, 0.16
HSL	34°, 42%, 73%
HSV	34°, 27%, 84%
XYZ	52.5775, 53.6789, 39.9377
YIQ	193.8270, 25.1720, -4.6520

Conversions

Conversions Part 2

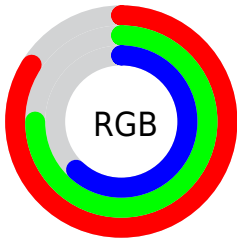
Format	Color
R_{YB}	203, 215, 158
Decimal	14139038
CIE Lab	78.27, 4.09, 19.38
CIE LCh	78, 19.804, 78.072
Yxy	53.6789, 0.3596, 0.3672
Android (android.graphics.Color)	4292329118 (0xFFD7BE9E)
YUV	193.8270, -17.6627, 18.5687
Hunter-Lab	73.2659, -0.1191, 18.9668

Details

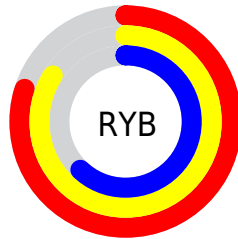
The RYB color **203, 215, 158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158, 175, 215**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **224, 255, 213**, and **146, 160, 106** is the 20% darker color. If you saturate the color by 10%, you get **200, 215, 137**, and if you desaturate by 10%, it is **209, 215, 180**.

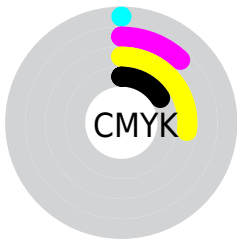
Distribution



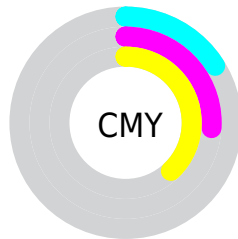
- Red (84%)
- Green (75%)
- Blue (62%)



- Red (80%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)
- Black (16%)



- Cyan (16%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 215, 158 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 203, 215, 158 by changing the saturation by 10% instead.

 203, 215, 158

 203, 215, 158


255, 255, 255

 175, 187, 132

 224, 255, 213


 146, 160, 106

 241, 255, 241

 121, 133, 82

 93, 107, 59

 67, 82, 37

 42, 58, 16

 26, 36, 0

 0, 0, 0

 203, 215, 158

 203, 215, 158

 200, 215, 137

 209, 215, 180

 194, 215, 115


 212, 215, 201

 192, 215, 94

 215, 217, 223

 185, 215, 72

 215, 224, 244

 183, 215, 51

 215, 229, 255

 176, 215, 29

 215, 233, 255

 174, 215, 8

 215, 235, 255

 170, 215, 0

Harmonies

Analogous

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



228, 191, 167



203, 215, 158



159, 196, 159

Triad

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



203, 215, 158



145, 175, 204



210, 185, 218

Complementary

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



203, 215, 158



158, 175, 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.



187, 191, 228



203, 215, 158



147, 178, 220

Square

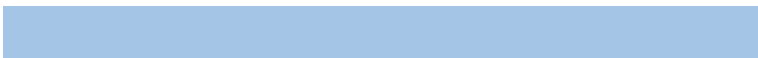
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203, 215, 158



156, 186, 204



164, 186, 229



226, 181, 202

Rectangle

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



203, 215, 158



164, 199, 181



164, 186, 229



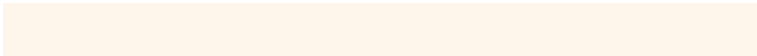
203, 187, 223

Sweetspot

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



203, 215, 158



251, 255, 235



215, 158, 184



126, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



203, 215, 158



237, 255, 173



158, 215, 161



105, 107, 96



137, 171, 0



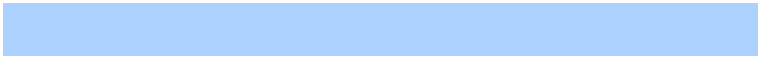
34, 43, 0

Inverse Universe

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



158, 175, 215



173, 198, 255



161, 158, 215



96, 99, 107



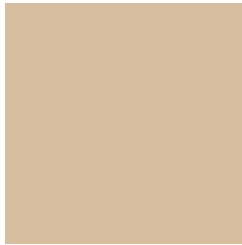
0, 52, 171



0, 13, 43

Previews

White Background



This preview shows how the RYB color 203, 215, 158 looks on a white background.

Color Contrast Check

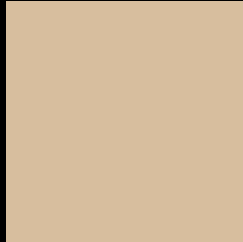
Large Text (above 18pt) WCAG AA × Fail

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 203, 215, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

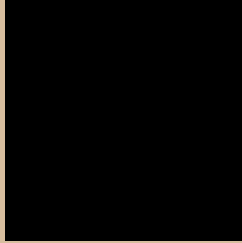
Any Text WCAG AA ✓ Pass

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 203, 215, 158 Background



This preview shows how black text looks on a background with the RYB color 203, 215, 158.



This preview shows how white text looks on a background with the RYB color 203, 215, 158.

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
203, 215, 158

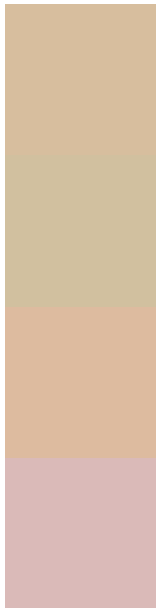
Protanopia
176, 205, 160

Deuteranopia
225, 205, 159



Tritanopia
220, 184, 199

Trichromacy



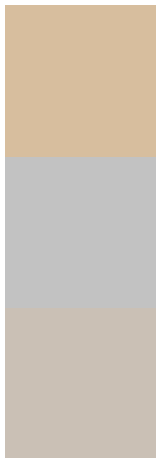
Original Color
203, 215, 158

Protanomaly
185, 209, 159

Deuteranomaly
221, 210, 159

Tritanomaly
218, 186, 184

Monochromacy



Original Color
203, 215, 158

Achromatopsia
194, 194, 194

Achromatomaly
200, 202, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 215, 158 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, 190, 158)` looks like.

```
.text, #text, p{  
    color:rgb(215, 190, 158)  
}
```

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, 190, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 190, 158) }
```

Border

The CSS property to change the border of an element to RYB 203, 215, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

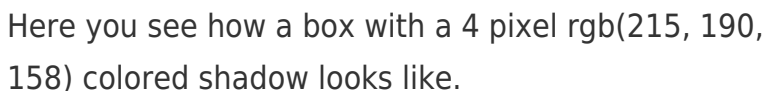
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 190, 158) }
```

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

```
.border{ border-color:rgb(215, 190, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 190, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 190, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 190, 158); box-shadow:4px 4px 4px 4px rgb(215, 190, 158) }
```

Background

The CSS property to change the background color of an element to RGB 203, 215, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 190, 158) }
```

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

```
.background{ background-color: rgb(215,  
190, 158) }
```

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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