

Converting Colors

`RYB(200, 213, 138)`

Have a look what the booklet for
RYB(200, 213, 138) contains.

RYB(200, 213, 138)	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(200, 213, 138)

Conversions

Conversions Part 1

Format	Color
Hex	D5B38A
RGB	213, 179, 138
RGB Percent	84%, 70%, 54%
CMY	0.1647, 0.2978, 0.4588
CMYK	0.00, 0.16, 0.35, 0.16
HSL	33°, 47%, 69%
HSV	33°, 35%, 84%
XYZ	48.1598, 48.2447, 30.8186
YIQ	184.4920, 33.4250, -5.5430

Conversions

Conversions Part 2

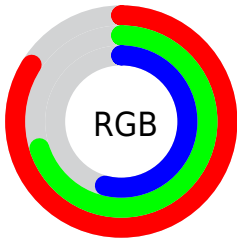
Format	Color
RYB	200, 213, 138
Decimal	14005130
CIELab	74.98, 6.46, 25.55
CIELCh	75, 26.350, 75.803
Yxy	48.2447, 0.3785, 0.3792
Android (android.graphics.Color)	4292195210 (0xFFD5B38A)
YUV	184.4920, -22.9206, 25.0015
Hunter-Lab	69.4584, 2.2129, 22.3140

Details

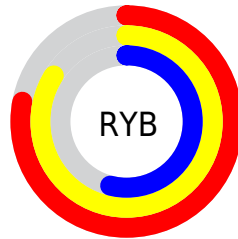
The RYB color **200, 213, 138** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **138, 161, 213**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **221, 255, 192**, and **144, 157, 88** is the 20% darker color. If you saturate the color by 10%, you get **198, 213, 117**, and if you desaturate by 10%, it is **202, 213, 159**.

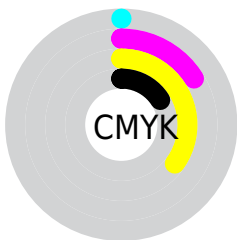
Distribution



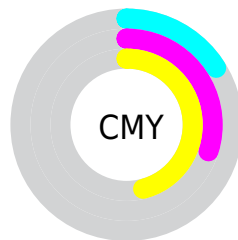
- Red (84%)
- Green (70%)
- Blue (54%)



- Red (78%)
- Yellow (84%)
- Blue (54%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (16%)



- Cyan (16%)
- Magenta (30%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the RYB color 200, 213, 138 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 200, 213, 138 by changing the saturation by 10% instead.

 200, 213, 138

 200, 213, 138

255, 255, 255

 172, 185, 112

 221, 255, 192

 144, 157, 88

 220, 255, 220


 116, 130, 64

 248, 255, 248

 85, 104, 41

 60, 79, 20

 37, 55, 0

 31, 20, 0


 0, 0, 0

 200, 213, 138

 200, 213, 138

 198, 213, 117

 202, 213, 159

 191, 213, 95


 209, 213, 181

 189, 213, 74


 211, 213, 202

 184, 213, 53

 213, 216, 223

 180, 213, 31

 213, 223, 244

 178, 213, 10

 213, 228, 255

 175, 213, 0

 213, 232, 255

 213, 234, 255

Harmonies

Analogous

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



229, 180, 151



200, 213, 138



140, 189, 138

Triad

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



200, 213, 138



116, 157, 198



204, 174, 219

Complementary

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



200, 213, 138



138, 161, 213

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.



173, 181, 231



200, 213, 138



117, 161, 218

Square

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



200, 213, 138



135, 174, 197



140, 172, 231



226, 168, 197

Rectangle

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



200, 213, 138



145, 192, 166



140, 172, 231



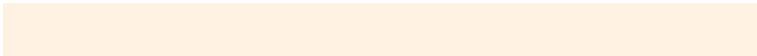
194, 177, 224

Sweetspot

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



200, 213, 138



251, 255, 227



213, 138, 173



126, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



200, 213, 138



235, 255, 148



138, 213, 140



105, 107, 96



140, 171, 0



34, 43, 0

Inverse Universe

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



138, 161, 213



148, 181, 255



140, 138, 213



96, 99, 107



0, 53, 171



0, 14, 43

Previews

White Background



This preview shows how the RYB color 200, 213, 138 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 200, 213, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

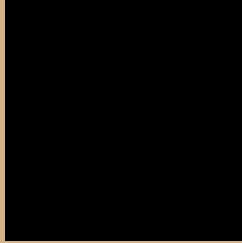
Any Text WCAG AA ✓ Pass

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 200, 213, 138 Background



This preview shows how black text looks on a background with the RYB color 200, 213, 138.



This preview shows how white text looks on a background with the RYB color 200, 213, 138.

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
200, 213, 138

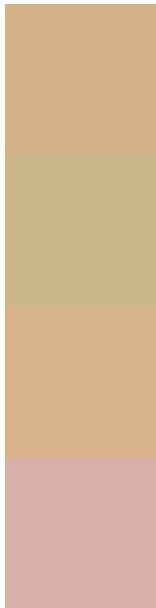
Protanopia
158, 198, 140

Deuteranopia
218, 214, 138



Tritanopia
218, 173, 186

Trichromacy



Original Color
200, 213, 138

Protanomaly
170, 203, 139

Deuteranomaly
212, 216, 138

Tritanomaly
216, 176, 169

Monochromacy



Original Color
200, 213, 138

Achromatopsia
185, 185, 185

Achromatomaly
190, 195, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 213, 138 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(213, 179, 138) looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 138)  
}
```

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(213, 179, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 138) }
```

Border

The CSS property to change the border of an element to RYB 200, 213, 138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

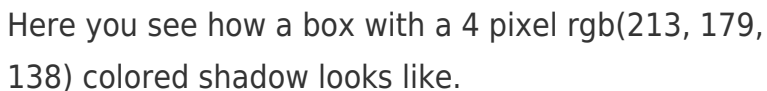
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 179, 138) }
```

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

```
.border{ border-color:rgb(213, 179, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 179, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 179, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 179, 138); box-shadow:4px 4px 4px 4px rgb(213, 179, 138) }
```

Background

The CSS property to change the background color of an element to RYB 200, 213, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 138) }
```

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

```
.background{ background-color: rgb(213,  
179, 138) }
```

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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