

Converting Colors

`RYB(201, 207, 138)`

Have a look what the booklet for
RYB(201, 207, 138) contains.

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Color

R_YB(201, 207, 138)

Conversions

Conversions Part 1

Format	Color
Hex	CFAE8A
RGB	207, 174, 138
RGB Percent	81%, 68%, 54%
CMY	0.1882, 0.3174, 0.4588
CMYK	0.00, 0.16, 0.33, 0.19
HSL	31°, 42%, 68%
HSV	31°, 33%, 81%
XYZ	45.4688, 45.3988, 30.4111
YIQ	179.7630, 31.2240, -4.2000

Conversions

Conversions Part 2

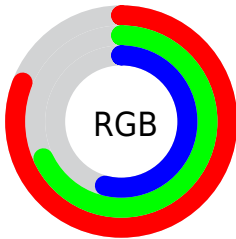
Format	Color
RYB	201, 207, 138
Decimal	13610634
CIELab	73.15, 6.76, 22.98
CIELCh	73, 23.954, 73.600
Yxy	45.3988, 0.3749, 0.3743
Android (android.graphics.Color)	4291800714 (0xFFCFAE8A)
YUV	179.7630, -20.5892, 23.8868
Hunter-Lab	67.3787, 2.5436, 20.4047

Details

The RYB color **201, 207, 138** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **138, 160, 207**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **236, 255, 192**, and **144, 152, 88** is the 20% darker color. If you saturate the color by 10%, you get **199, 207, 117**, and if you desaturate by 10%, it is **203, 207, 159**.

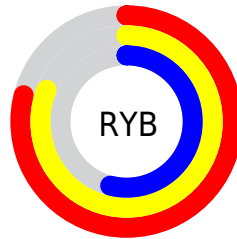
Distribution



Red (81%)

Green (68%)

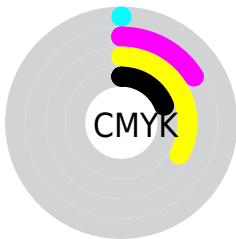
Blue (54%)



Red (79%)

Yellow (81%)

Blue (54%)

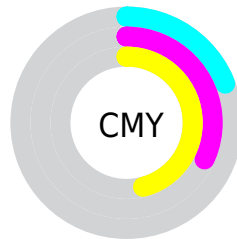


Cyan (0%)

Magenta (16%)

Yellow (33%)

Black (19%)



Cyan (19%)


Magenta (32%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the RYB color 201, 207, 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 201, 207, 138 by changing the saturation by 10% instead.

 201, 207, 138

 201, 207, 138

255, 255, 255

 173, 179, 112

 233, 255, 192

 144, 152, 88

 220, 255, 220

 116, 125, 64

 248, 255, 248

 90, 99, 42

 60, 74, 20

 36, 51, 0

 27, 8, 0

 0, 0, 0

 201, 207, 138

 201, 207, 138

 199, 207, 117


 203, 207, 159

 199, 207, 97


 203, 207, 179

 197, 207, 76


 205, 207, 200

 192, 207, 55

 207, 212, 221

 190, 207, 34

 207, 218, 241

 190, 207, 14

 207, 224, 255

 190, 207, 0

 207, 228, 255

 207, 230, 255

 207, 231, 255

Harmonies

Analogous

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



221, 172, 150



201, 207, 138



143, 186, 137

Triad

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



201, 207, 138



120, 157, 192



196, 171, 211

Complementary

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



201, 207, 138



138, 160, 207

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.



167, 176, 222



201, 207, 138



119, 159, 209

Square

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



201, 207, 138



137, 172, 191



138, 168, 221



216, 165, 193

Rectangle

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



201, 207, 138



143, 186, 160



138, 168, 221



187, 173, 216

Sweetspot

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



201, 207, 138



253, 255, 230



207, 138, 171



128, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



201, 207, 138



247, 255, 153



138, 207, 139



103, 105, 94



153, 168, 0



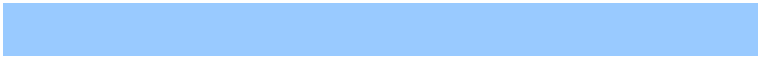
39, 41, 0

Inverse Universe

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



138, 160, 207



153, 186, 255



139, 138, 207



94, 97, 105



0, 54, 168



0, 13, 41

Previews

White Background



This preview shows how the RYB color 201, 207, 138 looks on a white background.

Color Contrast Check

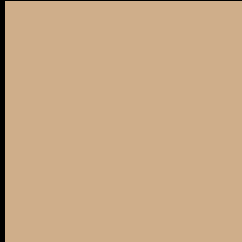
Large Text (above 18pt) WCAG AA × Fail

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 201, 207, 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 201, 207, 138 Background



This preview shows how black text looks on a background with the RYB color 201, 207, 138.



This preview shows how white text looks on a background with the RYB color 201, 207, 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
[201, 207, 138](#)

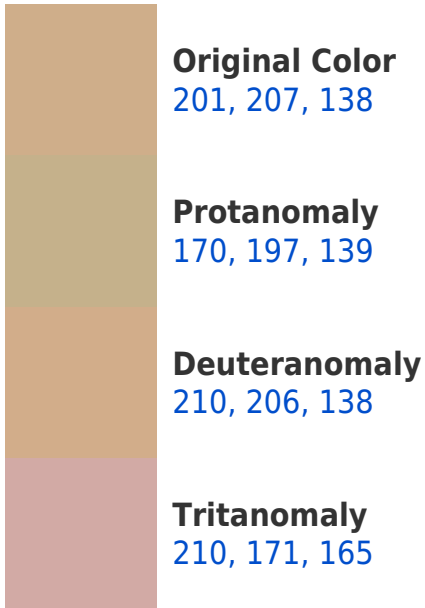
Protanopia
[157, 192, 140](#)

Deuteranopia
[211, 202, 138](#)



Tritanopia
212, 168, 181

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 207, 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(207, 174, 138)` looks like.

```
.text, #text, p{  
    color:rgb(207, 174, 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(207, 174, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 174, 138) }
```

Border

The CSS property to change the border of an element to RYB 201, 207, 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(207, 174, 138) }
```

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

```
.border{ border-color:rgb(207, 174, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 174, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 174, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 174, 138);  
box-shadow:4px 4px 4px 4px rgb(207, 174,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 207, 174, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 174, 138) }
```

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

```
.background{ background-color: rgb(207,  
174, 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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