

Converting Colors

`RYB(213, 202, 165)`

Have a look what the booklet for
RYB(213, 202, 165) contains.

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Color

R_{YB}(213, 202, 165)

Conversions

Conversions Part 1

Format	Color
Hex	D5BAA5
RGB	213, 186, 165
RGB Percent	84%, 73%, 65%
CMY	0.1647, 0.2710, 0.3529
CMYK	0.00, 0.13, 0.23, 0.16
HSL	26°, 36%, 74%
HSV	26°, 23%, 84%
XYZ	51.7687, 51.9360, 42.8934
YIQ	191.6790, 22.8330, -0.8070

Conversions

Conversions Part 2

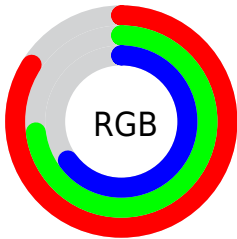
Format	Color
RYB	213, 202, 165
Decimal	14006949
CIELab	77.24, 6.42, 14.15
CIELCh	77, 15.540, 65.581
Yxy	51.9360, 0.3531, 0.3543
Android (android.graphics.Color)	4292197029 (0xFFD5BAA5)
YUV	191.6790, -13.1527, 18.6985
Hunter-Lab	72.0666, 2.1081, 15.1577

Details

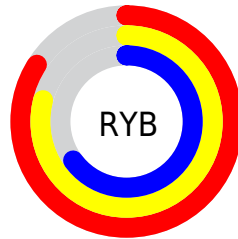
The RYB color **213, 202, 165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **165, 182, 213**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **241, 255, 220**, and **158, 149, 113** is the 20% darker color. If you saturate the color by 10%, you get **213, 197, 144**, and if you desaturate by 10%, it is **213, 208, 186**.

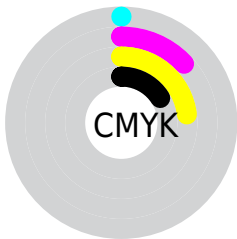
Distribution



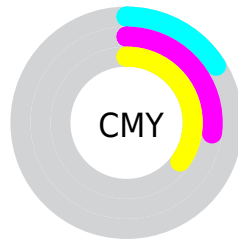
- Red (84%)
- Green (73%)
- Blue (65%)



- Red (84%)
- Yellow (79%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 202, 165 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 213, 202, 165 by changing the saturation by 10% instead.

 213, 202, 165


255, 255, 255


 241, 255, 220

 249, 255, 249


 213, 202, 165

 185, 174, 139

 158, 149, 113

 131, 124, 89

 106, 97, 65

 81, 74, 43

 57, 55, 22

 36, 36, 0

 0, 0, 0

 213, 202, 165

 213, 202, 165

■ 213, 197, 144

■ 213, 208, 186

■ 213, 193, 122

■ 213, 211, 208

■ 213, 188, 101

■ 213, 219, 229

■ 213, 183, 80

■ 213, 226, 250

■ 213, 178, 59

■ 213, 231, 255

■ 213, 174, 37

■ 213, 234, 255

■ 213, 169, 16

■ 213, 165, 0

Harmonies

Analogous

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



221, 183, 175



213, 202, 165



174, 200, 162

Triad

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



213, 202, 165



156, 179, 199



197, 186, 214

Complementary

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



213, 202, 165



165, 182, 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.



179, 188, 219



213, 202, 165



154, 178, 207

Square

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



213, 202, 165



167, 190, 198



162, 182, 216



212, 182, 203

Rectangle

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



213, 202, 165



165, 194, 170



162, 182, 216



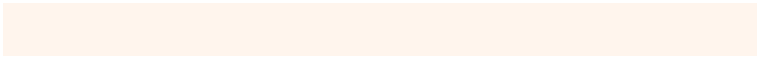
191, 188, 217

Sweetspot

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



213, 202, 165



255, 251, 237



213, 165, 192



128, 126, 117



0, 0, 0



128, 128, 128

Same Dimension

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



213, 202, 165



255, 239, 186



168, 213, 165



107, 105, 96



171, 130, 0



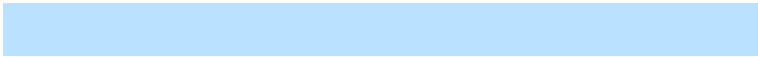
43, 34, 0

Inverse Universe

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



165, 182, 213



186, 211, 255



165, 168, 213



96, 100, 107



0, 61, 171



0, 15, 43

Previews

White Background



This preview shows how the RYB color 213, 202, 165 looks on a white background.

Color Contrast Check

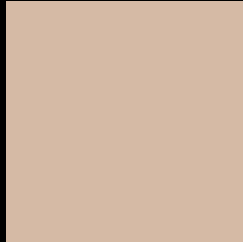
Large Text (above 18pt) WCAG AA × Fail

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 213, 202, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

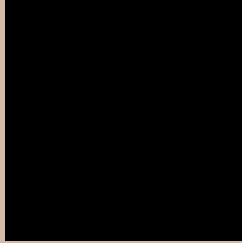
Any Text WCAG AA ✓ Pass

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 213, 202, 165 Background



This preview shows how black text looks on a background with the RYB color 213, 202, 165.



This preview shows how white text looks on a background with the RYB color 213, 202, 165.

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
213, 202, 165

Protanopia
181, 200, 167

Deuteranopia
218, 195, 165



Tritanopia
217, 181, 196

Trichromacy



Original Color

213, 202, 165

Protanomaly

193, 205, 166

Deuteranomaly

216, 198, 165

Tritanomaly

216, 183, 185

Monochromacy



Original Color

213, 202, 165

Achromatopsia

192, 192, 192

Achromatomaly

200, 196, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 202, 165 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, 186, 165)` looks like.

```
.text, #text, p{  
    color:rgb(213, 186, 165)  
}
```

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, 186, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 186, 165) }
```

Border

The CSS property to change the border of an element to RYB 213, 202, 165 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, 186, 165) }
```

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

```
.border{ border-color:rgb(213, 186, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 186, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 186, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 186, 165);  
box-shadow:4px 4px 4px 4px rgb(213, 186,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 213, 202, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 186, 165) }
```

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

```
.background{ background-color: rgb(213,  
186, 165) }
```

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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