

Converting Colors

`RYB(217, 207, 185)`

Have a look what the booklet for
RYB(217, 207, 185) contains.

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Color

R_YB(217, 207, 185)

Conversions

Conversions Part 1

Format	Color
Hex	D9C6B9
RGB	217, 198, 185
RGB Percent	85%, 78%, 73%
CMY	0.1490, 0.2234, 0.2745
CMYK	0.00, 0.09, 0.15, 0.15
HSL	24°, 30%, 79%
HSV	24°, 15%, 85%
XYZ	57.5748, 58.6596, 54.1869
YIQ	202.1990, 15.4970, -0.0150

Conversions

Conversions Part 2

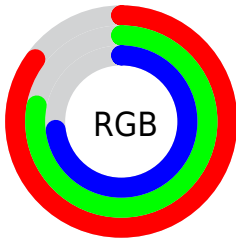
Format	Color
RYB	217, 207, 185
Decimal	14272185
CIELab	81.10, 4.51, 8.93
CIELCh	81, 10.002, 63.216
Yxy	58.6596, 0.3378, 0.3442
Android (android.graphics.Color)	4292462265 (0xFFD9C6B9)
YUV	202.1990, -8.4791, 12.9805
Hunter-Lab	76.5896, 0.1523, 11.6652

Details

The RYB color **217, 207, 185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **185, 197, 217**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **241, 255, 241**, and **162, 152, 132** is the 20% darker color. If you saturate the color by 10%, you get **217, 200, 163**, and if you desaturate by 10%, it is **217, 214, 207**.

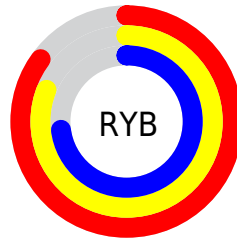
Distribution



Red (85%)

Green (78%)

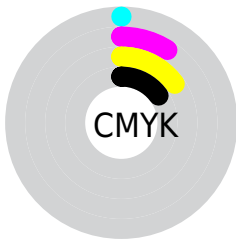
Blue (73%)



Red (85%)

Yellow (81%)

Blue (73%)

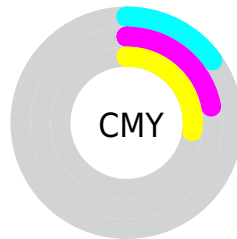


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 207, 185 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 217, 207, 185 by changing the saturation by 10% instead.


 217, 207, 185

255, 255, 255


 241, 255, 241

 217, 207, 185

 189, 180, 158

 162, 152, 132

 136, 127, 107

 110, 102, 83

 85, 77, 60

 62, 55, 38

 40, 35, 17

 17, 0, 0

 0, 0, 0

 217, 207, 185

 217, 207, 185

 217, 200, 163

 217, 214, 207

 217, 192, 142

 217, 221, 228

 217, 185, 120

 217, 229, 250

 217, 181, 98

 217, 234, 255

 217, 173, 77

 217, 236, 255

 217, 166, 55

 217, 160, 33

 217, 153, 11

 217, 148, 0

Harmonies

Analogous

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



222, 197, 192



217, 207, 185



193, 208, 183

Triad

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



217, 207, 185



180, 195, 207



205, 199, 217

Complementary

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



217, 207, 185



185, 197, 217

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.



193, 200, 220



217, 207, 185



179, 194, 211

Square

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



217, 207, 185



187, 201, 206



183, 197, 218



215, 196, 210

Rectangle

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



217, 207, 185



184, 203, 186



183, 197, 218



201, 200, 219

Sweetspot

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



217, 207, 185



255, 252, 245



217, 185, 204



128, 126, 121



0, 0, 0



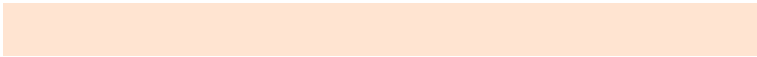
128, 128, 128

Same Dimension

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



217, 207, 185



255, 241, 209



188, 217, 185



110, 105, 99



173, 120, 0



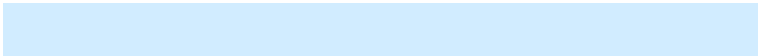
46, 32, 0

Inverse Universe

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



185, 197, 217



209, 226, 255



185, 188, 217



99, 103, 110



0, 65, 173



0, 17, 46

Previews

White Background



This preview shows how the RYB color 217, 207, 185 looks on a white background.

Color Contrast Check

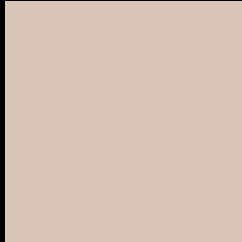
Large Text (above 18pt) WCAG AA × Fail

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 217, 207, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

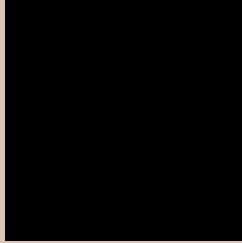
Any Text WCAG AA ✓ Pass

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 217, 207, 185 Background



This preview shows how black text looks on a background with the RYB color 217, 207, 185.



This preview shows how white text looks on a background with the RYB color 217, 207, 185.

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
217, 207, 185

Protanopia
198, 209, 186

Deuteranopia
227, 196, 186



Tritanopia
220, 194, 210

Trichromacy



Original Color

217, 207, 185

Protanomaly

208, 212, 186

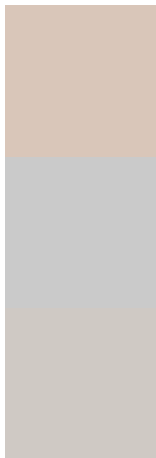
Deuteranomaly

223, 198, 186

Tritanomaly

219, 195, 201

Monochromacy



Original Color

217, 207, 185

Achromatopsia

202, 202, 202

Achromatomaly

207, 205, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 207, 185 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(217, 198, 185)` looks like.

```
.text, #text, p{  
    color:rgb(217, 198, 185)  
}
```

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(217, 198, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 198, 185) }
```

Border

The CSS property to change the border of an element to RYB 217, 207, 185 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(217, 198, 185) }
```

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

```
.border{ border-color:rgb(217, 198, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 198, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 198, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 198, 185);  
box-shadow:4px 4px 4px 4px rgb(217, 198,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 217, 198, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 198, 185) }
```

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

```
.background{ background-color: rgb(217,  
198, 185) }
```

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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