

Converting Colors

`RYB(209, 218, 185)`

Have a look what the booklet for
RYB(209, 218, 185) contains.

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Color

R_YB(209, 218, 185)

Conversions

Conversions Part 1	
Format	Color
Hex	DACCB9
RGB	218, 204, 185
RGB Percent	85%, 80%, 73%
CMY	0.1451, 0.1996, 0.2745
CMYK	0.00, 0.06, 0.15, 0.15
HSL	35°, 31%, 79%
HSV	35°, 15%, 85%
XYZ	59.2883, 61.6440, 54.6726
YIQ	206.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

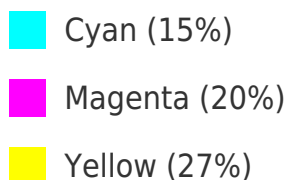
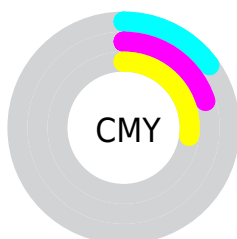
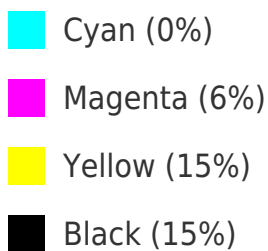
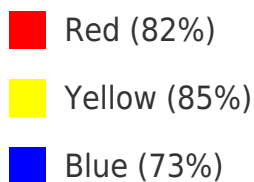
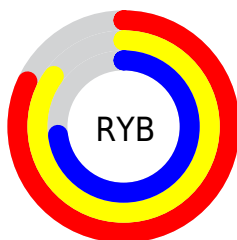
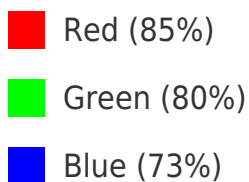
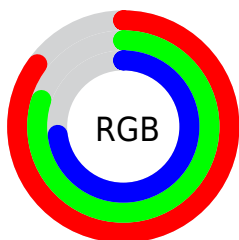
Format	Color
RYB	209, 218, 185
Decimal	14339257
CIELab	82.72, 1.68, 11.25
CIELCh	83, 11.374, 81.496
Yxy	61.6440, 0.3376, 0.3510
Android (android.graphics.Color)	4292529337 (0xFFDACCB9)
YUV	206.0200, -10.3629, 10.5065
Hunter-Lab	78.5137, -2.6077, 13.6733

Details

The RYB color **209, 218, 185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **185, 195, 218**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **241, 255, 241**, and **154, 163, 132** is the 20% darker color. If you saturate the color by 10%, you get **203, 218, 163**, and if you desaturate by 10%, it is **216, 218, 207**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RYB color 209, 218, 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 209, 218, 185 by changing the saturation by 10% instead.


 209, 218, 185

255, 255, 255

 241, 255, 241

 209, 218, 185

 180, 190, 158

 154, 163, 132

 127, 136, 107

 102, 111, 82

 78, 86, 59

 55, 63, 38

 29, 40, 17

 18, 14, 0

 0, 0, 0

 209, 218, 185

 209, 218, 185

 203, 218, 163

 216, 218, 207

 196, 218, 141


 218, 221, 229

 190, 218, 120


 218, 228, 250

 187, 218, 98

 218, 232, 255


 180, 218, 76

 218, 235, 255

 173, 218, 54

 218, 237, 255

 166, 218, 32

 161, 218, 11

 159, 218, 0

Harmonies

Analogous

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



226, 206, 190



209, 218, 185



186, 208, 188

Triad

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



209, 218, 185



179, 196, 213



217, 201, 219

Complementary

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



209, 218, 185



185, 195, 218

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.



204, 204, 226



209, 218, 185



182, 199, 222

Square

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



209, 218, 185



184, 201, 212



191, 203, 227



226, 199, 209

Rectangle

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



209, 218, 185



190, 210, 202



191, 203, 227



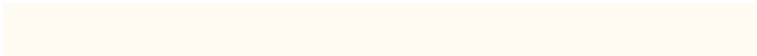
213, 202, 222

Sweetspot

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



209, 218, 185



250, 255, 242



218, 185, 199



128, 128, 120



0, 0, 0



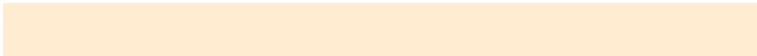
128, 128, 128

Same Dimension

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



209, 218, 185



241, 255, 209



185, 218, 187



108, 110, 99



126, 173, 0



32, 46, 0

Inverse Universe

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



185, 195, 218



209, 222, 255



187, 185, 218



99, 102, 110



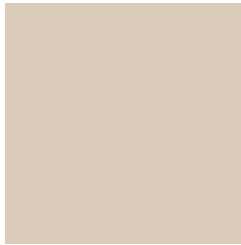
0, 51, 173



0, 13, 46

Previews

White Background



This preview shows how the RYB color 209, 218, 185 looks on a white background.

Color Contrast Check

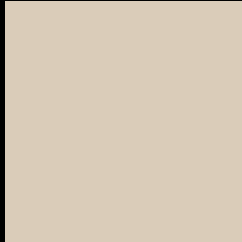
Large Text (above 18pt) WCAG AA × Fail

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 209, 218, 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

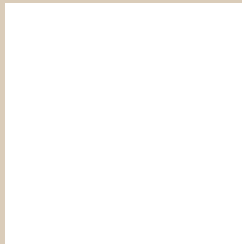
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 209, 218, 185 Background



This preview shows how black text looks on a background with the RYB color 209, 218, 185.



This preview shows how white text looks on a background with the RYB color 209, 218, 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
[209, 218, 185](#)

Protanopia
[199, 214, 186](#)

Deuteranopia
[233, 204, 186](#)



Tritanopia

222, 200, 215

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 218, 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(218, 204, 185) looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 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(218, 204, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 185) }
```

Border

The CSS property to change the border of an element to RYB 209, 218, 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(218, 204, 185) }
```

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

```
.border{ border-color:rgb(218, 204, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 204, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 185);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 209, 218, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 185) }
```

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

```
.background{ background-color: rgb(218,  
204, 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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