

Converting Colors

`RYB(200, 218, 191)`

Have a look what the booklet for
RYB(200, 218, 191) contains.

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Color

R_YB(200, 218, 191)

Conversions

Conversions Part 1

Format	Color
Hex	DAD3BF
RGB	218, 211, 191
RGB Percent	85%, 83%, 75%
CMY	0.1451, 0.1716, 0.2510
CMYK	0.00, 0.03, 0.12, 0.15
HSL	45°, 27%, 80%
HSV	45°, 12%, 85%
XYZ	61.6738, 65.3799, 58.6592
YIQ	210.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

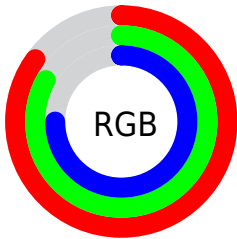
Format	Color
RYB	200, 218, 191
Decimal	14341055
CIELab	84.68, -1.09, 10.85
CIELCh	85, 10.902, 95.747
Yxy	65.3799, 0.3321, 0.3520
Android (android.graphics.Color)	4292531135 (0xFFDAD3BF)
YUV	210.8130, -9.7678, 6.3030
Hunter-Lab	80.8578, -5.3513, 13.5879

Details

The RYB color **200, 218, 191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 197, 218**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **247, 255, 247**, and **146, 163, 138** is the 20% darker color. If you saturate the color by 10%, you get **185, 218, 169**, and if you desaturate by 10%, it is **214, 218, 213**.

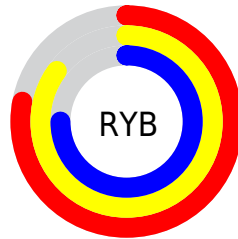
Distribution



Red (85%)

Green (83%)

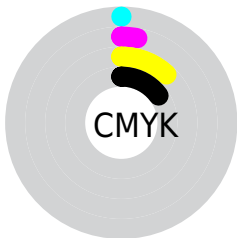
Blue (75%)



Red (78%)

Yellow (85%)

Blue (75%)

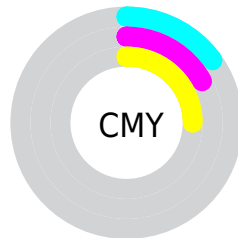


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (17%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 218, 191 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, 218, 191 by changing the saturation by 10% instead.


 200, 218, 191


255, 255, 255

 247, 255, 247

 200, 218, 191

 172, 190, 164

 146, 163, 138

 120, 137, 112

 94, 111, 88

 72, 87, 64

 47, 63, 42

 27, 41, 22

 5, 20, 0

 0, 0, 0

 200, 218, 191

 200, 218, 191

 185, 218, 169

 214, 218, 213

 171, 218, 147

 218, 221, 235

 157, 218, 126

 218, 226, 255

 143, 218, 104

 218, 229, 255

 127, 218, 82

 218, 231, 255

 112, 218, 60

 218, 233, 255

 98, 218, 38

 218, 235, 255

 84, 218, 17

 218, 237, 255

 72, 218, 0

Harmonies

Analogous

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



228, 219, 193



200, 218, 191



195, 214, 203

Triad

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



200, 218, 191



186, 203, 223



227, 206, 220

Complementary

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



200, 218, 191



191, 197, 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.



216, 208, 228



200, 218, 191



192, 206, 230

Square

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



200, 218, 191



187, 204, 218



203, 210, 232



233, 204, 210

Rectangle

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



200, 218, 191



198, 214, 216



203, 210, 232



224, 206, 223

Sweetspot

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



200, 218, 191



249, 255, 245



218, 191, 198



124, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



200, 218, 191



231, 255, 217



191, 218, 198



103, 110, 99



57, 173, 0



16, 46, 0

Inverse Universe

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



191, 197, 218



217, 224, 255



198, 191, 218



99, 101, 110



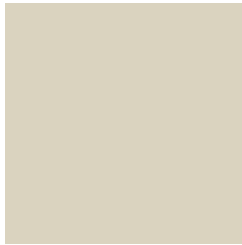
0, 34, 173



0, 9, 46

Previews

White Background



This preview shows how the RYB color 200, 218, 191 looks on a white background.

Color Contrast Check

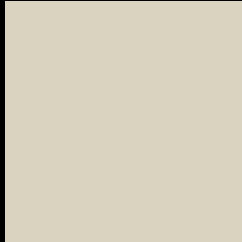
Large Text (above 18pt) WCAG AA × Fail

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, 218, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

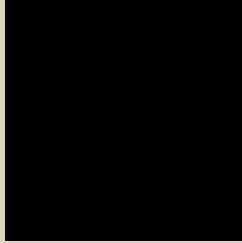
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

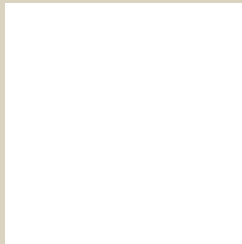
Any Text WCAG AAA ✓ Pass

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

RYB 200, 218, 191 Background



This preview shows how black text looks on a background with the RYB color 200, 218, 191.

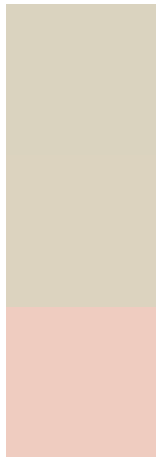


This preview shows how white text looks on a background with the RYB color 200, 218, 191.

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, 218, 191

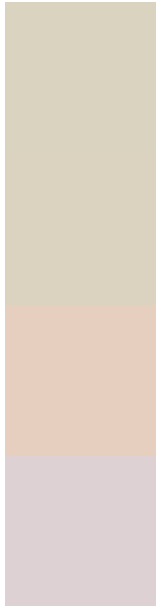
Protanopia
204, 220, 191

Deuteranopia
239, 208, 192



Tritanopia
222, 207, 223

Trichromacy



Original Color

200, 218, 191

Protanomaly

202, 219, 191

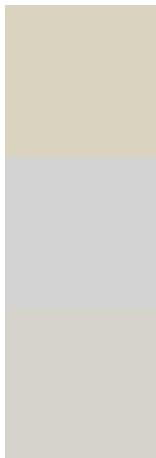
Deuteranomaly

231, 216, 192

Tritanomaly

221, 209, 211

Monochromacy



Original Color

200, 218, 191

Achromatopsia

211, 211, 211

Achromatomaly

208, 214, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 218, 191 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, 211, 191) looks like.

```
.text, #text, p{  
    color:rgb(218, 211, 191)  
}
```

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, 211, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 211, 191) }
```

Border

The CSS property to change the border of an element to RYB 200, 218, 191 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, 211, 191) }
```

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

```
.border{ border-color:rgb(218, 211, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 211, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 211, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 211, 191); box-shadow:4px 4px 4px 4px rgb(218, 211, 191) }
```

Background

The CSS property to change the background color of an element to RGB 200, 218, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 211, 191) }
```

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

```
.background{ background-color: rgb(218,  
211, 191) }
```

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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