

Converting Colors

`RYB(249, 200, 191)`

Have a look what the booklet for
RYB(249, 200, 191) contains.

RYB(249, 200, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(249, 200, 191)

Conversions

Conversions Part 1

Format	Color
Hex	F9C7BF
RGB	249, 199, 191
RGB Percent	98%, 78%, 75%
CMY	0.0235, 0.2204, 0.2510
CMYK	0.00, 0.20, 0.23, 0.02
HSL	8°, 83%, 86%
HSV	8°, 23%, 98%
XYZ	68.8463, 64.6521, 58.1407
YIQ	213.0380, 32.3680, 8.1120

Conversions

Conversions Part 2

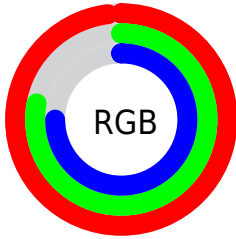
Format	Color
R _Y B	249, 200, 191
Decimal	16369599
CIE Lab	84.30, 16.69, 10.68
CIE LCh	84, 19.818, 32.613
Yxy	64.6521, 0.3592, 0.3374
Android (android.graphics.Color)	4294559679 (0xFFFF9C7BF)
YUV	213.0380, -10.8647, 31.5387
Hunter-Lab	80.4065, 12.1252, 13.4129

Details

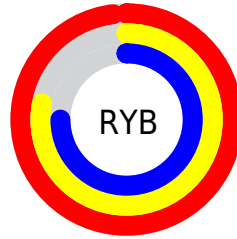
The RYB color **249, 200, 191** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **191, 218, 249**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **247, 255, 247**, and **192, 146, 138** is the 20% darker color. If you saturate the color by 10%, you get **249, 179, 166**, and if you desaturate by 10%, it is **249, 221, 216**.

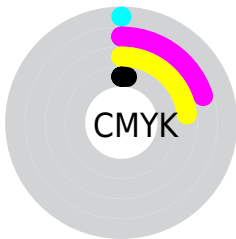
Distribution



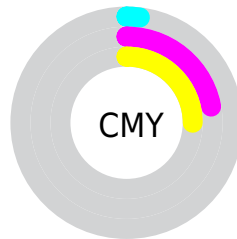
- Red (98%)
- Green (78%)
- Blue (75%)



- Red (98%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (20%)
- Yellow (23%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 200, 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 249, 200, 191 by changing the saturation by 10% instead.


 249, 200, 191

 249, 200, 191

255, 255, 255


 220, 172, 164

 247, 255, 247


 192, 146, 138

 164, 120, 112

 137, 95, 88

 111, 71, 64

 85, 48, 42


 61, 26, 22

 39, 2, 0

 0, 0, 0

 249, 200, 191

 249, 200, 191

 249, 179, 166


 249, 221, 216

 249, 158, 141

 249, 242, 241

 249, 137, 116

 249, 252, 255

 249, 117, 91

 249, 95, 67

 249, 73, 42

 249, 53, 17

 249, 38, 0

Harmonies

Analogous

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



248, 197, 209



249, 200, 191



240, 220, 178

Triad

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



249, 200, 191



182, 211, 219



192, 206, 247

Complementary

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



249, 200, 191



191, 218, 249

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.



171, 199, 243



249, 200, 191



166, 196, 221

Square

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



249, 200, 191



179, 215, 191



161, 193, 230



216, 205, 242

Rectangle

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



249, 200, 191



213, 230, 174



161, 193, 230



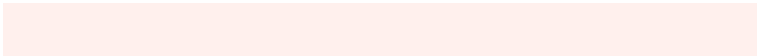
184, 204, 247

Sweetspot

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



249, 200, 191



255, 241, 237



249, 191, 241



128, 119, 117



0, 0, 0



128, 128, 128

Same Dimension

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



249, 200, 191



255, 194, 184



224, 249, 191



125, 114, 112



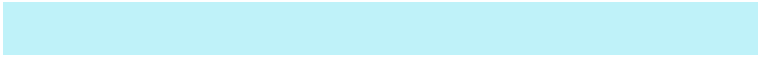
189, 29, 0



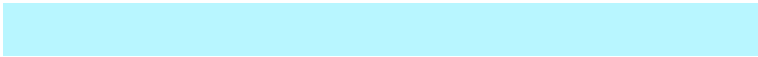
61, 9, 0

Inverse Universe

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



191, 218, 249



184, 217, 255



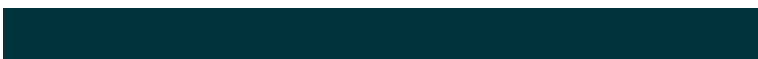
191, 206, 249



112, 118, 125



0, 88, 189



0, 28, 61

Previews

White Background



This preview shows how the RYB color 249, 200, 191 looks on a white background.

Color Contrast Check

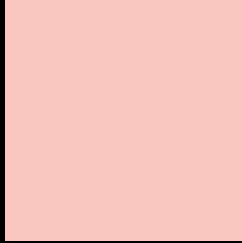
Large Text (above 18pt) WCAG AA × Fail

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 249, 200, 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 249, 200, 191 Background



This preview shows how black text looks on a background with the RYB color 249, 200, 191.



This preview shows how white text looks on a background with the RYB color 249, 200, 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
249, 200, 191

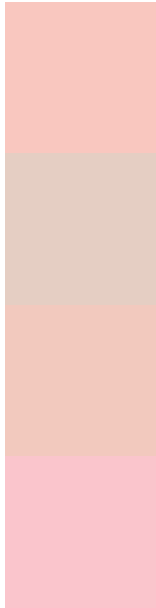
Protanopia
210, 218, 197

Deuteranopia
238, 208, 190



Tritanopia
251, 196, 211

Trichromacy



Original Color

249, 200, 191

Protanomaly

229, 211, 195

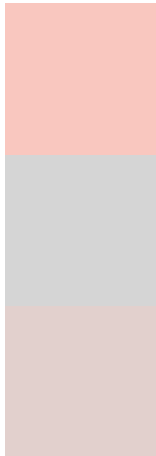
Deuteranomaly

242, 204, 190

Tritanomaly

250, 197, 204

Monochromacy



Original Color

249, 200, 191

Achromatopsia

213, 213, 213

Achromatomaly

226, 209, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 200, 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(249, 199, 191) looks like.

```
.text, #text, p{  
    color:rgb(249, 199, 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(249, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 199, 191) }
```

Border

The CSS property to change the border of an element to RYB 249, 200, 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(249, 199, 191) }
```

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

```
.border{ border-color:rgb(249, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(249, 199,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 249, 200, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 199, 191) }
```

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

```
.background{ background-color: rgb(249,  
199, 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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