Converting Colors

RYB(249, 243, 200)

Have a look what the booklet for RYB(249, 243, 200) contains.

Color

RYB(249, 243, 200)

Conversions

Conversions Part 1

Format	Color
Hex	F9DFC8
RGB	249, 223, 200
RGB Percent	98%, 87%, 78%
CMY	0.0235, 0.1259, 0.2157
CMYK	0.00, 0.10, 0.20, 0.02
HSL	28°, 80%, 88%
HSV	28°, 20%, 98%
XYZ	75.8538, 77.0330, 65.5145
YIQ	228.1520, 22.8790, -1.6410

Conversions

Conversions Part 2

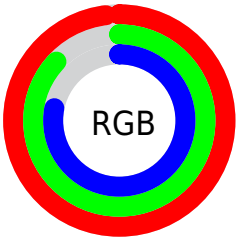
Format	Color
RYB	249, 243, 200
Decimal	16375752
CIELab	90.34, 5.44, 14.49
CIELCh	90, 15.480, 69.440
Yxy	77.0330, 0.3473, 0.3527
Android (android.graphics.Color)	4294565832 (0xFFF9DFC8)
YUV	228.1520, -13.8789, 18.2837
Hunter-Lab	87.7684, 0.6738, 17.1810

Details

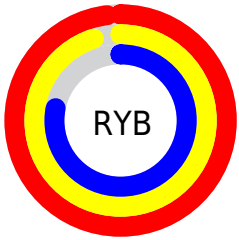
The RYB color 249, 243, 200 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 200, 217, 249, and the grayscale version is 228, 228, 228.

A 20% lighter version of the original color is 255, 255, 255, and 192, 188, 146 is the 20% darker color. If you saturate the color by 10%, you get 249, 241, 175, and if you desaturate by 10%, it is 249, 245, 225.

Distribution

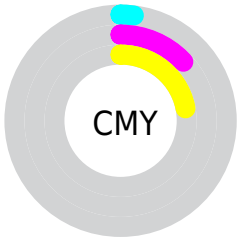


- Red (98%)
- Green (87%)
- Blue (78%)



- Red (98%)
- Yellow (95%)
- Blue (78%)

- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 243, 200 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, 243, 200 by changing the saturation by 10% instead.

249, 243, 200

255, 255, 255

249, 243, 200

220, 214, 173

192, 188, 146

165, 159, 120

138, 136, 95

112, 108, 72

87, 87, 49

61, 63, 28

31, 41, 3

15, 0, 0

249, 243, 200

249, 241, 175

249, 236, 150

249, 234, 125

249, 232, 100

249, 228, 76

249, 223, 51

249, 221, 26

249, 219, 1

249, 217, 0

249, 243, 200

249, 245, 225

249, 249, 250

249, 252, 255

Harmonies

Analogous

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

255, 222, 209

249, 243, 200

207, 235, 198

Triad

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

249, 243, 200

191, 215, 236

236, 222, 250

Complementary

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

249, 243, 200

200, 217, 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.

217, 225, 255

249, 243, 200

191, 215, 246

Square

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

249, 243, 200

202, 225, 235

200, 220, 255

251, 218, 238

Rectangle

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

249, 243, 200

201, 231, 209

200, 220, 255

230, 224, 253

Sweetspot

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

249, 243, 200

255, 253, 240

249, 200, 226

128, 126, 119

0, 0, 0

128, 128, 128

Same Dimension

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

249, 243, 200

255, 246, 194

202, 249, 200

125, 123, 112

189, 165, 0

61, 55, 0

Inverse Universe

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

200, 217, 249

194, 215, 255

200, 202, 249

112, 117, 125

0, 66, 189

0, 21, 61

Previews

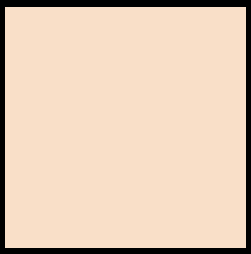
White Background

This preview shows how the RYB color 249, 243, 200 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



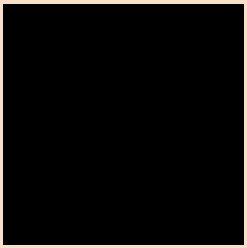
This preview shows how the RYB color 249, 243, 200 looks on a black background.

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, 243, 200 Background



This preview shows how black text looks on a background with the RYB color 249, 243, 200.

This preview shows how white text looks on a background with the RYB color 249, 243, 200.

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, 243, 200

Protanopia
216, 237, 202

Deuteranopia
255, 226, 205

Tritanopia
253, 218, 235

Trichromacy

Original Color
249, 243, 200

Protanomaly
225, 241, 201

Deuteranomaly
253, 231, 203

Tritanomaly
252, 220, 222

Monochromacy

Original Color
249, 243, 200

Achromatopsia
228, 228, 228

Achromatomaly
236, 232, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 243, 200 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, 223, 200) looks like.

```
.text, #text, p{
    color:rgb(249, 223, 200)
}
```

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, 223, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 223, 200) }
```

Border

The CSS property to change the border of an element to RYB 249, 243, 200 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, 223, 200) }
```

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

```
.border{ border-color:rgb(249, 223, 200) }
```

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

Here you see how a box with a 4 pixel rgb(249, 223, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 223, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 223, 200); box-shadow:4px 4px 4px 4px rgb(249, 223, 200) }
```

Background

The CSS property to change the background color of an element to RYB 249, 243, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(249, 223, 200) }
```

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

```
.background{ background-color:rgb(249,
223, 200) }
```

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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