Converting Colors

RYB(249, 221, 168)

Have a look what the booklet for RYB(249, 221, 168) contains.

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Color

RYB(249, 221, 168)

Conversions

Format	Color
Hex	F9C8A8
RGB	249, 200, 168
RGB Percent	98%, 78%, 66%
CMY	0.0235, 0.2155, 0.3412
CMYK	0.00, 0.20, 0.33, 0.02
HSL	24°, 87%, 82%
HSV	24°, 33%, 98%
XYZ	66.7977, 64.2927, 45.9349
YIQ	211.0030, 39.4760, 0.4360

Conversions Part 1

Conversions

Conversions Part 2

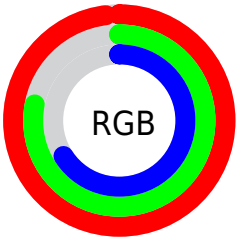
Format	Color
RYB	249, 221, 168
Decimal	16369832
CIELab	84.12, 13.00, 22.62
CIELCh	84, 26.086, 60.116
Yxy	64.2927, 0.3773, 0.3632
Android (android.graphics.Color)	4294559912 (0xFFF9C8A8)
YUV	211.0030, -21.2005, 33.3234
Hunter-Lab	80.1827, 8.3829, 22.1620

Details

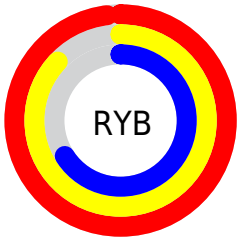
The RYB color 249, 221, 168 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 168, 199, 249, and the grayscale version is 211, 211, 211.

A 20% lighter version of the original color is 223, 255, 223, and 191, 166, 116 is the 20% darker color. If you saturate the color by 10%, you get 249, 213, 143, and if you desaturate by 10%, it is 249, 229, 193.

Distribution

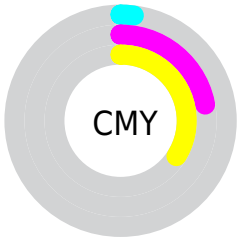


- Red (98%)
- Green (78%)
- Blue (66%)



- Red (98%)
- Yellow (87%)
- Blue (66%)

- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 221, 168 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, 221, 168 by changing the saturation by 10% instead.

249, 221, 168

255, 255, 255

223, 255, 223

252, 255, 252

249, 221, 168

220, 195, 141

191, 166, 116

163, 140, 91

136, 114, 67

109, 92, 45

84, 68, 23

59, 53, 0

36, 5, 0

0, 0, 0

249, 221, 168

249, 213, 143

249, 204, 118

249, 196, 93

249, 188, 68

249, 179, 43

249, 170, 19

249, 162, 0

249, 221, 168

249, 229, 193

249, 238, 218

249, 246, 243

249, 252, 255

Harmonies

Analogous

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

255, 195, 186

249, 221, 168

190, 228, 161

Triad

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

249, 221, 168

150, 191, 224

214, 203, 252

Complementary

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

249, 221, 168

168, 199, 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.

181, 203, 255

249, 221, 168

140, 184, 234

Square

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

249, 221, 168

174, 212, 221

152, 192, 252

242, 196, 235

Rectangle

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

249, 221, 168

163, 213, 165

152, 192, 252

203, 206, 255

Sweetspot

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

249, 221, 168

255, 247, 230

249, 168, 218

128, 122, 112

0, 0, 0

128, 128, 128

Same Dimension

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

249, 221, 168

255, 220, 156

178, 249, 168

125, 120, 112

189, 124, 0

61, 40, 0

Inverse Universe

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

168, 199, 249

156, 193, 255

168, 176, 249

112, 117, 125

0, 71, 189

0, 23, 61

Previews

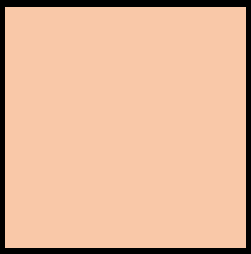
White Background

This preview shows how the RYB color 249, 221, 168 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



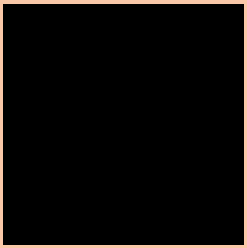
This preview shows how the RYB color 249, 221, 168 looks on a black background.

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, 221, 168 Background



This preview shows how black text looks on a background with the RYB color 249, 221, 168.

This preview shows how white text looks on a background with the RYB color 249, 221, 168.

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, 221, 168

Protanopia
189, 222, 173

Deuteranopia
245, 229, 168

Tritanopia
253, 194, 209

Trichromacy

Original Color
249, 221, 168

Protanomaly
216, 232, 171

Deuteranomaly
246, 225, 168

Tritanomaly
252, 196, 194

Monochromacy

Original Color
249, 221, 168

Achromatopsia
211, 211, 211

Achromatomaly
225, 215, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 221, 168 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, 200, 168) looks like.

```
.text, #text, p{
    color:rgb(249, 200, 168)
}
```

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, 200, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 200, 168) }
```

Border

The CSS property to change the border of an element to RYB 249, 221, 168 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, 200, 168) }
```

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

```
.border{ border-color:rgb(249, 200, 168) }
```

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

Here you see how a box with a 4 pixel rgb(249, 200, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 200, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 200, 168); box-shadow:4px 4px 4px 4px rgb(249, 200, 168) }
```

Background

The CSS property to change the background color of an element to RYB 249, 221, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(249, 200, 168) }
```

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

```
.background{ background-color:rgb(249,
200, 168) }
```

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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