

Converting Colors

`RYB(249, 209, 202)`

Have a look what the booklet for RYB(249, 209, 202) contains.

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Color

R_YB(249, 209, 202)

Conversions

Conversions Part 1

Format	Color
Hex	F9D0CA
RGB	249, 208, 202
RGB Percent	98%, 82%, 79%
CMY	0.0235, 0.1840, 0.2078
CMYK	0.00, 0.16, 0.19, 0.02
HSL	8°, 80%, 88%
HSV	8°, 19%, 98%
XYZ	72.3060, 69.5609, 65.4928
YIQ	219.5750, 26.3620, 6.8260

Conversions

Conversions Part 2

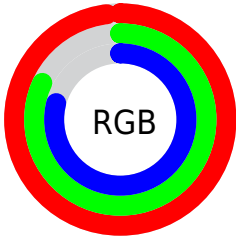
Format	Color
R _Y B	249, 209, 202
Decimal	16371914
CIE Lab	86.78, 13.42, 8.38
CIE LCh	87, 15.820, 31.995
Yxy	69.5609, 0.3487, 0.3355
Android (android.graphics.Color)	4294561994 (0xFFFF9D0CA)
YUV	219.5750, -8.6645, 25.8057
Hunter-Lab	83.4032, 8.7943, 11.8245

Details

The RYB color **249, 209, 202** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202, 224, 249**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **192, 155, 148** is the 20% darker color. If you saturate the color by 10%, you get **249, 187, 177**, and if you desaturate by 10%, it is **249, 230, 227**.

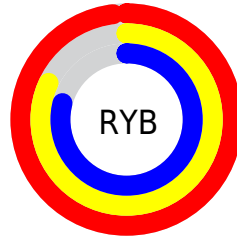
Distribution



Red (98%)

Green (82%)

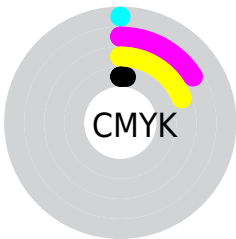
Blue (79%)



Red (98%)

Yellow (82%)

Blue (79%)

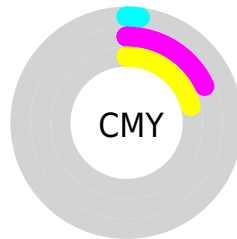


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (2%)



Cyan (2%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 209, 202 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, 209, 202 by changing the saturation by 10% instead.

 249, 209, 202


255, 255, 255

 249, 209, 202

 220, 182, 175


 192, 155, 148

 165, 129, 122

 138, 103, 97

 112, 78, 74

 87, 56, 51


 63, 35, 30

 40, 15, 5


 0, 0, 0

 249, 209, 202

 249, 209, 202

 249, 187, 177

 249, 230, 227

 249, 167, 152

 249, 250, 252

 249, 145, 127

 249, 252, 255

 249, 124, 102

 249, 103, 78

 249, 82, 53

 249, 60, 28

 249, 40, 3

 249, 37, 0

Harmonies

Analogous

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



248, 207, 217



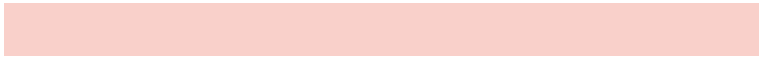
249, 209, 202



242, 227, 191

Triad

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



249, 209, 202



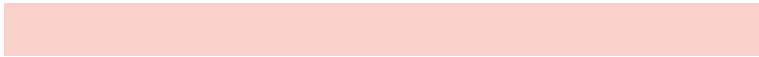
195, 219, 225



202, 214, 247

Complementary

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



249, 209, 202



202, 224, 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.



186, 208, 243



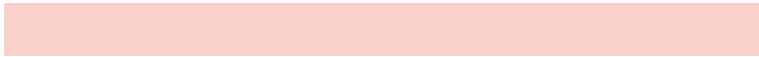
249, 209, 202



183, 207, 226

Square

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



249, 209, 202



192, 221, 201



179, 204, 233



222, 213, 243

Rectangle

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



249, 209, 202



220, 234, 188



179, 204, 233



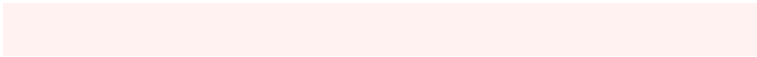
196, 212, 247

Sweetspot

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



249, 209, 202



255, 242, 240



249, 202, 244



128, 120, 119



0, 0, 0



128, 128, 128

Same Dimension

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



249, 209, 202



255, 205, 196



231, 249, 202



125, 114, 112



189, 27, 0



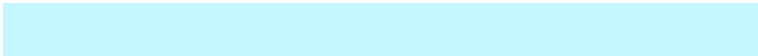
61, 9, 0

Inverse Universe

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



202, 224, 249



196, 223, 255



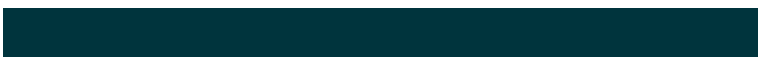
202, 215, 249



112, 118, 125



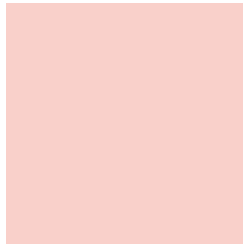
0, 88, 189



0, 28, 61

Previews

White Background



This preview shows how the RYB color 249, 209, 202 looks on a white background.

Color Contrast Check

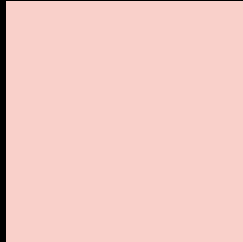
Large Text (above 18pt) WCAG AA × Fail

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, 209, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

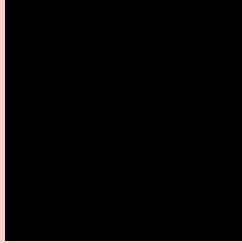
Any Text WCAG AA ✓ Pass

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](#).

R Y B 249, 209, 202 Background



This preview shows how black text looks on a background with the R Y B color 249, 209, 202.



This preview shows how white text looks on a background with the R Y B color 249, 209, 202.

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, 209, 202
	Protanopia 219, 224, 207
	Deuteranopia 244, 212, 202



Tritanopia
251, 205, 221

Trichromacy



Original Color

249, 209, 202

Protanomaly

233, 218, 205

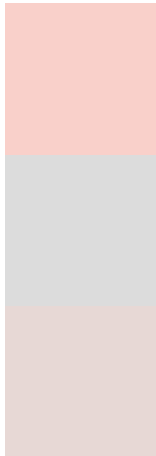
Deuteranomaly

246, 210, 202

Tritanomaly

250, 206, 214

Monochromacy



Original Color

249, 209, 202

Achromatopsia

220, 220, 220

Achromatomaly

231, 217, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 209, 202 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, 208, 202) looks like.

```
.text, #text, p{  
    color:rgb(249, 208, 202)  
}
```

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, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 208, 202) }
```

Border

The CSS property to change the border of an element to RYB 249, 209, 202 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, 208, 202) }
```

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

```
.border{ border-color:rgb(249, 208, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 208, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(249, 208,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 249, 209, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 208, 202) }
```

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

```
.background{ background-color: rgb(249,  
208, 202) }
```

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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