

Converting Colors

`RYB(249, 222, 229)`

Have a look what the booklet for
RYB(249, 222, 229) contains.

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Color

RYB(249, 222, 229)

Conversions

Conversions Part 1

Format	Color
Hex	F9DEE5
RGB	249, 222, 229
RGB Percent	98%, 87%, 90%
CMY	0.0235, 0.1294, 0.1020
CMYK	0.00, 0.11, 0.08, 0.02
HSL	344°, 69%, 92%
HSV	344°, 11%, 98%
XYZ	79.3311, 78.0394, 85.0107
YIQ	230.8710, 13.8450, 7.9010

Conversions

Conversions Part 2

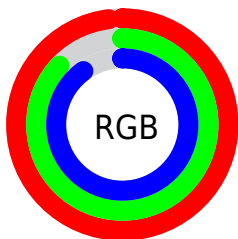
Format	Color
R_{YB}	249, 222, 229
Decimal	16375525
CIE _{Lab}	90.80, 10.43, -0.03
CIE _{LCh}	91, 10.430, 359.845
Yxy	78.0394, 0.3273, 0.3220
Android (android.graphics.Color)	4294565605 (0xFFFF9DEE5)
YUV	230.8710, -0.9224, 15.8991
Hunter-Lab	88.3399, 5.7018, 4.7824

Details

The RYB color **249, 222, 229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **222, 238, 249**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 167, 174** is the 20% darker color. If you saturate the color by 10%, you get **249, 197, 211**, and if you desaturate by 10%, it is **249, 247, 247**.

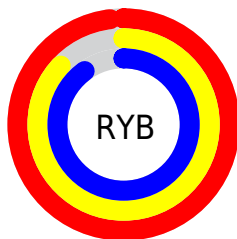
Distribution



Red (98%)

Green (87%)

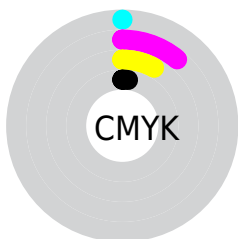
Blue (90%)



Red (98%)

Yellow (87%)

Blue (90%)

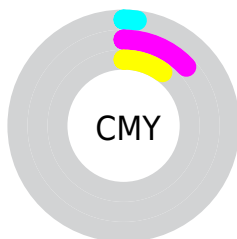


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 222, 229 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, 222, 229 by changing the saturation by 10% instead.

 249, 222, 229

255, 255, 255

 249, 222, 229

 220, 194, 201

 192, 167, 174

 165, 140, 147

 139, 115, 121

 113, 90, 97

 88, 67, 73


 65, 45, 50

 42, 24, 29

 24, 0, 3

 249, 222, 229

 249, 222, 229


 249, 197, 211

 249, 247, 247

 249, 172, 192

 249, 252, 255

 249, 147, 174

 249, 122, 155

 249, 98, 137

 249, 73, 118

 249, 48, 100

 249, 23, 81

 249, 0, 65

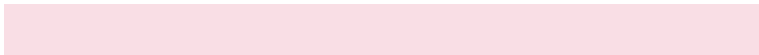
Harmonies

Analogous

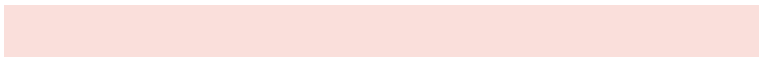
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 223, 239



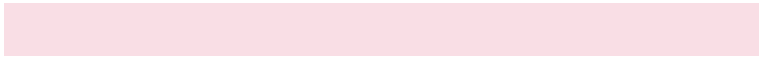
249, 222, 229



250, 224, 219

Triad

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



249, 222, 229



211, 231, 216



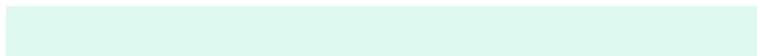
208, 223, 246

Complementary

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



249, 222, 229



222, 238, 249

Split Complementary

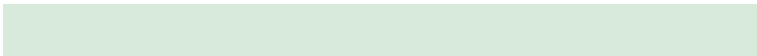
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



204, 220, 238



249, 222, 229



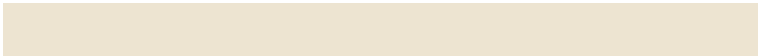
215, 231, 234

Square

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



249, 222, 229



222, 237, 209



207, 223, 235



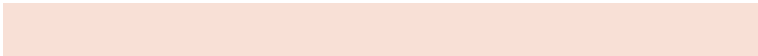
218, 226, 248

Rectangle

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



249, 222, 229



248, 228, 214



207, 223, 235



206, 222, 243

Sweetspot

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



249, 222, 229



255, 247, 249



242, 222, 249



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

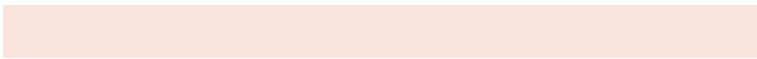
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 222, 229



255, 222, 230



249, 230, 222



125, 112, 116



189, 0, 49



61, 0, 16

Inverse Universe

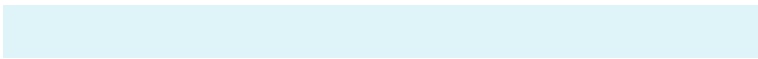
The Inverse Universe completely reimagines the original color for something new.



249, 222, 229



255, 222, 230



222, 234, 249



125, 112, 116



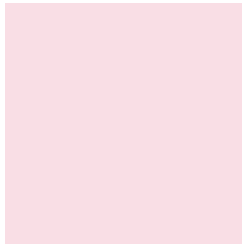
189, 0, 49



61, 0, 16

Previews

White Background



This preview shows how the RYB color 249, 222, 229 looks on a white background.

Color Contrast Check

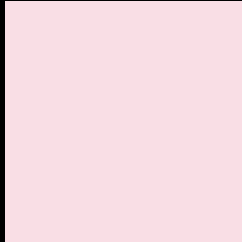
Large Text (above 18pt) WCAG AA × Fail

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, 222, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

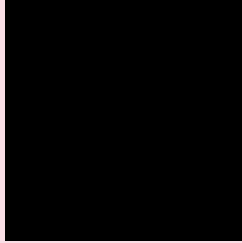
Any Text WCAG AA ✓ Pass

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, 222, 229 Background



This preview shows how black text looks on a background with the R/Y/B color 249, 222, 229.

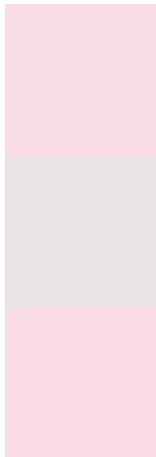


This preview shows how white text looks on a background with the R/Y/B color 249, 222, 229.

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, 222, 229

Protanopia
232, 228, 232

Deuteranopia
250, 221, 229



Tritanopia
250, 221, 238

Trichromacy



Original Color

249, 222, 229

Protanomaly

238, 226, 231

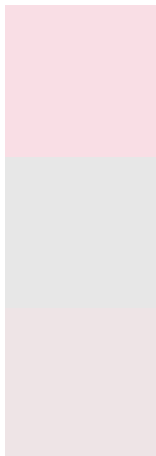
Deuteranomaly

250, 221, 229

Tritanomaly

250, 221, 235

Monochromacy



Original Color

249, 222, 229

Achromatopsia

231, 231, 231

Achromatomaly

238, 228, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 222, 229 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, 222, 229) looks like.

```
.text, #text, p{  
    color:rgb(249, 222, 229)  
}
```

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, 222, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 222, 229) }
```

Border

The CSS property to change the border of an element to RYB 249, 222, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

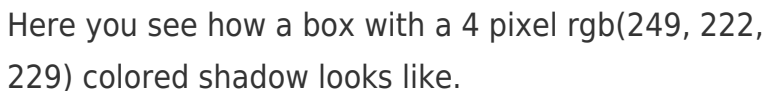
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 222, 229) }
```

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

```
.border{ border-color:rgb(249, 222, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(249, 222, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 222, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 222, 229);  
box-shadow:4px 4px 4px 4px rgb(249, 222,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 249, 222, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 222, 229) }
```

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

```
.background{ background-color: rgb(249,  
222, 229) }
```

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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