

Converting Colors

`RYB(249, 220, 228)`

Have a look what the booklet for RYB(249, 220, 228) contains.

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Color

R_YB(249, 220, 228)

Conversions

Conversions Part 1

Format	Color
Hex	F9DCE4
RGB	249, 220, 228
RGB Percent	98%, 86%, 89%
CMY	0.0235, 0.1373, 0.1059
CMYK	0.00, 0.12, 0.08, 0.02
HSL	343°, 71%, 92%
HSV	343°, 12%, 98%
XYZ	78.6637, 76.9276, 84.1013
YIQ	229.5830, 14.7160, 8.6360

Conversions

Conversions Part 2

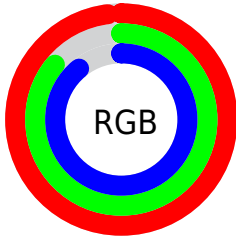
Format	Color
R _Y B	249, 220, 228
Decimal	16375012
CIE Lab	90.29, 11.30, -0.25
CIE LCh	90, 11.306, 358.744
Yxy	76.9276, 0.3282, 0.3209
Android (android.graphics.Color)	4294565092 (0xFFFF9DCE4)
YUV	229.5830, -0.7804, 17.0287
Hunter-Lab	87.7084, 6.6031, 4.5442

Details

The RYB color **249, 220, 228** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **220, 237, 249**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 165, 173** is the 20% darker color. If you saturate the color by 10%, you get **249, 195, 210**, and if you desaturate by 10%, it is **249, 245, 246**.

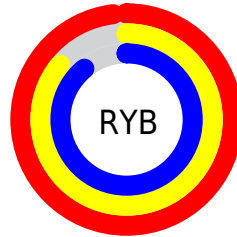
Distribution



Red (98%)

Green (86%)

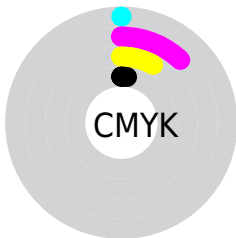
Blue (89%)



Red (98%)

Yellow (86%)

Blue (89%)

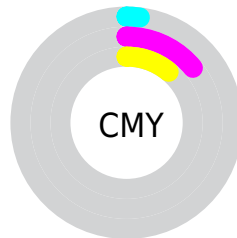


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (2%)



Cyan (2%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 220, 228 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, 220, 228 by changing the saturation by 10% instead.

 249, 220, 228

255, 255, 255

 249, 220, 228

 220, 192, 200

 192, 165, 173

 165, 139, 146

 139, 113, 120

 113, 89, 96

 88, 65, 72


 65, 43, 50

 42, 22, 29

 24, 0, 2

 249, 220, 228

 249, 220, 228

 249, 195, 210

 249, 245, 246


 249, 170, 192

 249, 252, 255

 249, 145, 174

 249, 120, 156

 249, 96, 138

 249, 71, 120

 249, 46, 102

 249, 21, 84

 249, 0, 69

Harmonies

Analogous

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



241, 222, 239



249, 220, 228



251, 220, 217

Triad

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



249, 220, 228



208, 230, 213



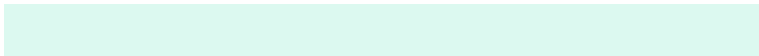
205, 221, 245

Complementary

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



249, 220, 228



220, 237, 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.



200, 217, 237



249, 220, 228



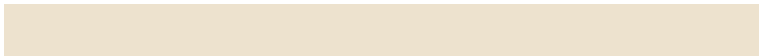
212, 229, 232

Square

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



249, 220, 228



223, 237, 206



203, 221, 234



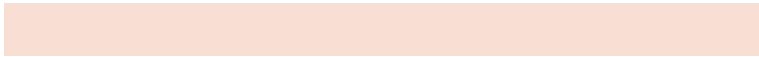
216, 225, 249

Rectangle

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



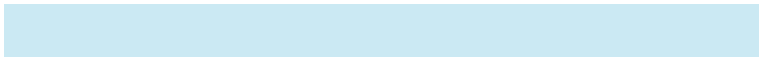
249, 220, 228



248, 227, 211



203, 221, 234



203, 220, 243

Sweetspot

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



249, 220, 228



255, 247, 249



241, 220, 249



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

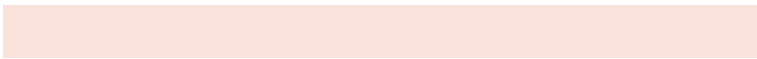
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 220, 228



255, 219, 229



249, 228, 220



125, 112, 116



189, 0, 52



61, 0, 17

Inverse Universe

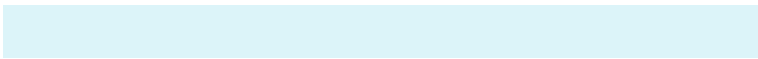
The Inverse Universe completely reimagines the original color for something new.



249, 220, 228



255, 219, 229



220, 233, 249



125, 112, 116



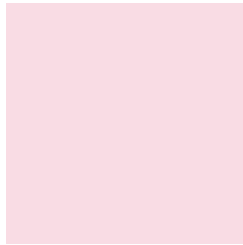
189, 0, 52



61, 0, 17

Previews

White Background



This preview shows how the RYB color 249, 220, 228 looks on a white background.

Color Contrast Check

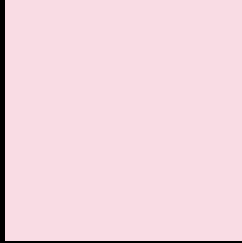
Large Text (above 18pt) WCAG AA × Fail

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, 220, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

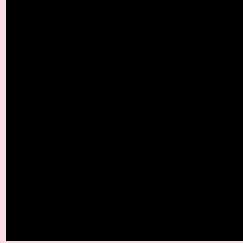
Any Text WCAG AA ✓ Pass

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, 220, 228 Background



This preview shows how black text looks on a background with the RYB color 249, 220, 228.

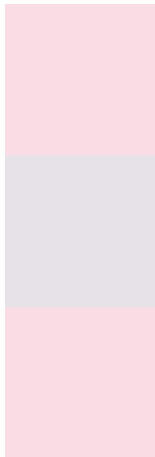


This preview shows how white text looks on a background with the RYB color 249, 220, 228.

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, 220, 228

Protanopia
230, 226, 232

Deuteranopia
249, 220, 228



Tritanopia
250, 219, 236

Trichromacy



Original Color

249, 220, 228

Protanomaly

237, 224, 231

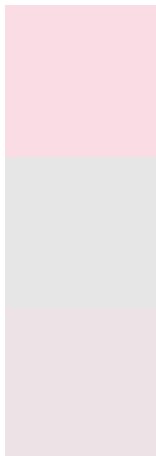
Deuteranomaly

249, 220, 228

Tritanomaly

250, 219, 233

Monochromacy



Original Color

249, 220, 228

Achromatopsia

230, 230, 230

Achromatomaly

237, 226, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 220, 228 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, 220, 228) looks like.

```
.text, #text, p{  
    color:rgb(249, 220, 228)  
}
```

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, 220, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 220, 228) }
```

Border

The CSS property to change the border of an element to RYB 249, 220, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

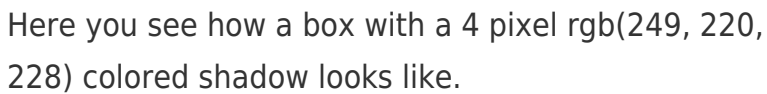
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 220, 228) }
```

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

```
.border{ border-color:rgb(249, 220, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(249, 220, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 220, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 220, 228); box-shadow:4px 4px 4px 4px rgb(249, 220, 228) }
```

Background

The CSS property to change the background color of an element to RGB 249, 220, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 220, 228) }
```

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

```
.background{ background-color: rgb(249,  
220, 228) }
```

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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