

Converting Colors

`RYB(249, 213, 220)`

Have a look what the booklet for
RYB(249, 213, 220) contains.

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Color

R_YB(249, 213, 220)

Conversions

Conversions Part 1

Format	Color
Hex	F9D5DC
RGB	249, 213, 220
RGB Percent	98%, 84%, 86%
CMY	0.0235, 0.1647, 0.1373
CMYK	0.00, 0.14, 0.12, 0.02
HSL	348°, 75%, 91%
HSV	348°, 14%, 98%
XYZ	75.7794, 72.8955, 77.7864
YIQ	224.5620, 19.2090, 9.8090

Conversions

Conversions Part 2

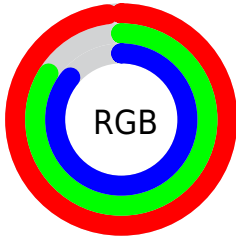
Format	Color
R _Y B	249, 213, 220
Decimal	16373212
CIE Lab	88.40, 13.64, 1.21
CIE LCh	88, 13.695, 5.051
Yxy	72.8955, 0.3346, 0.3219
Android (android.graphics.Color)	4294563292 (0xFFF9D5DC)
YUV	224.5620, -2.2491, 21.4321
Hunter-Lab	85.3789, 9.0176, 5.7477

Details

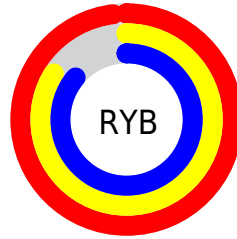
The RYB color **249, 213, 220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213, 233, 249**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 158, 165** is the 20% darker color. If you saturate the color by 10%, you get **249, 188, 200**, and if you desaturate by 10%, it is **249, 238, 240**.

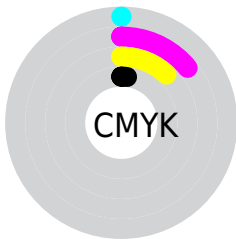
Distribution



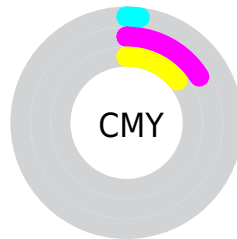
- Red (98%)
- Green (84%)
- Blue (86%)



- Red (98%)
- Yellow (84%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 213, 220 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, 213, 220 by changing the saturation by 10% instead.

 249, 213, 220

255, 255, 255

 249, 213, 220


 220, 185, 192

 192, 158, 165


 165, 132, 139

 138, 107, 113

 113, 82, 89

 88, 59, 66

 64, 37, 44

 41, 17, 23

 16, 0, 0

 249, 213, 220

 249, 213, 220


 249, 188, 200

 249, 238, 240


 249, 163, 180

 249, 252, 255

 249, 138, 160

 249, 113, 140

 249, 89, 120

 249, 64, 100

 249, 39, 80

 249, 14, 60

 249, 0, 48

Harmonies

Analogous

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



241, 214, 233



249, 213, 220



249, 215, 207

Triad

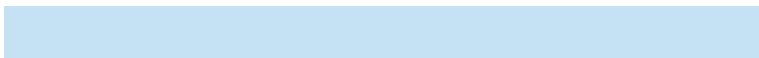
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 213, 220



200, 226, 211



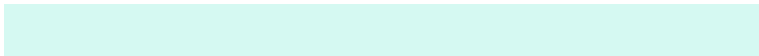
197, 215, 245

Complementary

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



249, 213, 220



213, 233, 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.



189, 211, 236



249, 213, 220



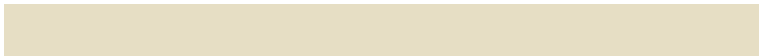
201, 222, 229

Square

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



249, 213, 220



206, 230, 196



191, 212, 230



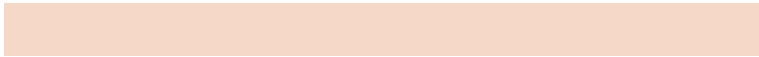
211, 219, 248

Rectangle

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



249, 213, 220



246, 224, 201



191, 212, 230



193, 213, 243

Sweetspot

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



249, 213, 220



255, 245, 247



242, 213, 249



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

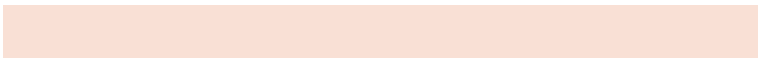
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 213, 220



255, 212, 220



249, 229, 213



125, 112, 115



189, 0, 37



61, 0, 12

Inverse Universe

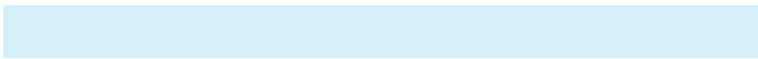
The Inverse Universe completely reimagines the original color for something new.



249, 213, 220



255, 212, 220



213, 228, 249



125, 112, 115



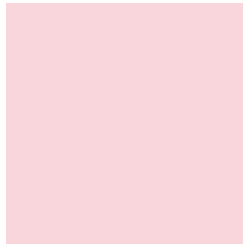
189, 0, 37



61, 0, 12

Previews

White Background



This preview shows how the RYB color 249, 213, 220 looks on a white background.

Color Contrast Check

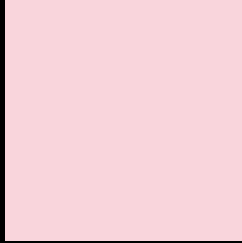
Large Text (above 18pt) WCAG AA × Fail

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, 213, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

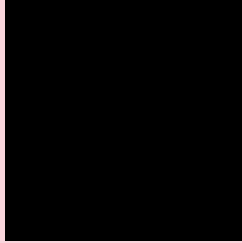
Any Text WCAG AA ✓ Pass

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, 213, 220 Background



This preview shows how black text looks on a background with the RYB color 249, 213, 220.

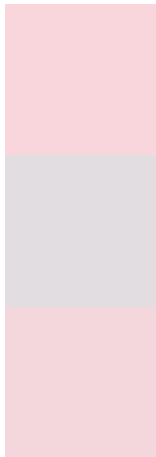


This preview shows how white text looks on a background with the RYB color 249, 213, 220.

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, 213, 220

Protanopia
225, 221, 225

Deuteranopia
244, 215, 220



Tritanopia
250, 212, 228

Trichromacy



Original Color

249, 213, 220

Protanomaly

234, 218, 223

Deuteranomaly

246, 214, 220

Tritanomaly

250, 212, 225

Monochromacy



Original Color

249, 213, 220

Achromatopsia

225, 225, 225

Achromatomaly

234, 221, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 213, 220 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, 213, 220) looks like.

```
.text, #text, p{  
    color:rgb(249, 213, 220)  
}
```

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, 213, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 213, 220) }
```

Border

The CSS property to change the border of an element to RYB 249, 213, 220 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, 213, 220) }
```

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

```
.border{ border-color:rgb(249, 213, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 213, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 213, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 213, 220);  
box-shadow:4px 4px 4px 4px rgb(249, 213,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 249, 213, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 213, 220) }
```

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

```
.background{ background-color: rgb(249,  
213, 220) }
```

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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