

Converting Colors

`RYB(242, 209, 225)`

Have a look what the booklet for RYB(242, 209, 225) contains.

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Color

R_YB(242, 209, 225)

Conversions

Conversions Part 1

Format	Color
Hex	F2D1E1
RGB	242, 209, 225
RGB Percent	95%, 82%, 88%
CMY	0.0510, 0.1804, 0.1176
CMYK	0.00, 0.14, 0.07, 0.05
HSL	331°, 56%, 88%
HSV	331°, 14%, 95%
XYZ	73.0090, 69.9144, 80.8810
YIQ	220.6910, 14.5320, 11.9720

Conversions

Conversions Part 2

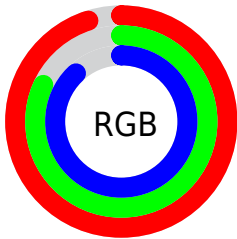
Format	Color
R_{YB}	242, 209, 225
Decimal	15913441
CIE _{Lab}	86.95, 14.14, -3.62
CIE _{LCh}	87, 14.598, 345.633
Yxy	69.9144, 0.3262, 0.3124
Android (android.graphics.Color)	4294103521 (0xFFFF2D1E1)
YUV	220.6910, 2.1243, 18.6880
Hunter-Lab	83.6148, 9.5328, 1.1789

Details

The RYB color **242, 209, 225** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **209, 231, 242**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 155, 170** is the 20% darker color. If you saturate the color by 10%, you get **242, 185, 213**, and if you desaturate by 10%, it is **242, 233, 237**.

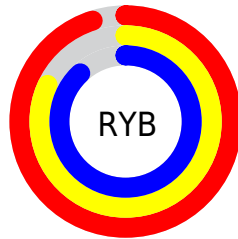
Distribution



Red (95%)

Green (82%)

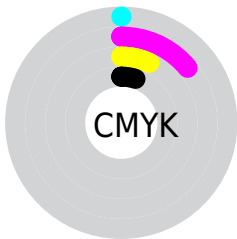
Blue (88%)



Red (95%)

Yellow (82%)

Blue (88%)

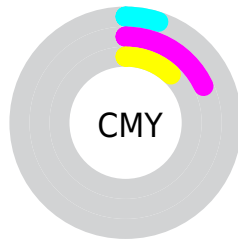


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (5%)



Cyan (5%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RYB color 242, 209, 225 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 242, 209, 225 by changing the saturation by 10% instead.

 242, 209, 225

255, 255, 255

 242, 209, 225

 214, 181, 197

 186, 155, 170

 159, 128, 143

 132, 103, 118

 107, 79, 93

 82, 56, 70


 59, 34, 47

 37, 14, 26


 3, 0, 0

 242, 209, 225


 242, 209, 225

 242, 185, 213


 242, 233, 237

 242, 161, 200


 242, 250, 255

 242, 136, 188


 242, 249, 255

 242, 112, 175

 242, 88, 163

 242, 64, 150

 242, 40, 138

 242, 15, 125

 242, 0, 117

Harmonies

Analogous

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



229, 212, 237



242, 209, 225



248, 208, 211

Triad

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



242, 209, 225



193, 221, 191



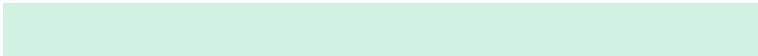
185, 207, 237

Complementary

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



242, 209, 225



209, 231, 242

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.



183, 205, 226



242, 209, 225



198, 223, 216

Square

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



242, 209, 225



230, 236, 191



191, 214, 226



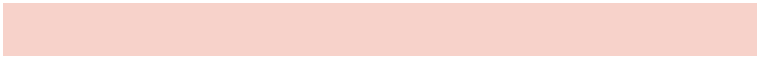
195, 212, 244

Rectangle

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



242, 209, 225



247, 212, 202



191, 214, 226



183, 206, 233

Sweetspot

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



242, 209, 225



255, 245, 250



226, 209, 242



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

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



242, 209, 225



255, 214, 234



242, 209, 209



120, 108, 114



184, 0, 89



56, 0, 27

Inverse Universe

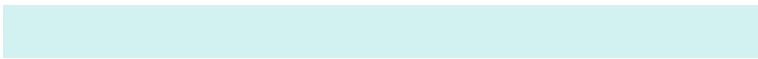
The Inverse Universe completely reimagines the original color for something new.



242, 209, 225



255, 214, 234



209, 226, 242



120, 108, 114



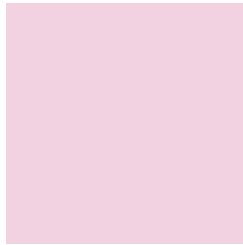
184, 0, 89



56, 0, 27

Previews

White Background



This preview shows how the RYB color 242, 209, 225 looks on a white background.

Color Contrast Check

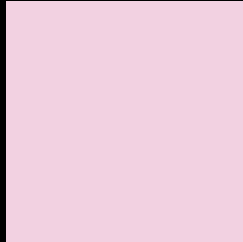
Large Text (above 18pt) WCAG AA × Fail

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 242, 209, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

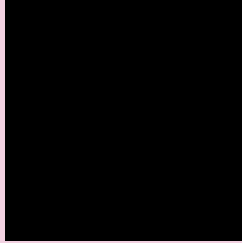
Any Text WCAG AA ✓ Pass

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 242, 209, 225 Background



This preview shows how black text looks on a background with the RYB color 242, 209, 225.


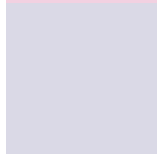
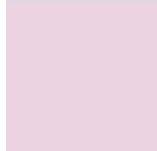


This preview shows how white text looks on a background with the RYB color 242, 209, 225.

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 242, 209, 225
	Protanopia 218, 217, 230
	Deuteranopia 236, 211, 225



Tritanopia

242, 209, 225

Trichromacy



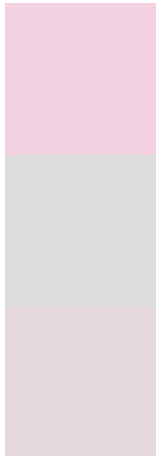
Original Color
242, 209, 225

Protanomaly
227, 214, 228

Deuteranomaly
238, 210, 225

Tritanomaly
242, 209, 225

Monochromacy



Original Color
242, 209, 225

Achromatopsia
221, 221, 221

Achromatomaly
229, 217, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 209, 225 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(242, 209, 225) looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 225)  
}
```

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(242, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 225) }
```

Border

The CSS property to change the border of an element to RYB 242, 209, 225 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(242, 209, 225) }
```

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

```
.border{ border-color:rgb(242, 209, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 225);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 242, 209, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 225) }
```

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

```
.background{ background-color: rgb(242,  
209, 225) }
```

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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