

Converting Colors

`RYB(239, 213, 223)`

Have a look what the booklet for
RYB(239, 213, 223) contains.

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Color

$\text{RYB}(239, 213, 223)$

Conversions

Conversions Part 1

Format	Color
Hex	EFD5DF
RGB	239, 213, 223
RGB Percent	94%, 84%, 87%
CMY	0.0627, 0.1647, 0.1255
CMYK	0.00, 0.11, 0.07, 0.06
HSL	337°, 45%, 89%
HSV	337°, 11%, 94%
XYZ	72.7101, 71.2669, 79.7357
YIQ	221.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

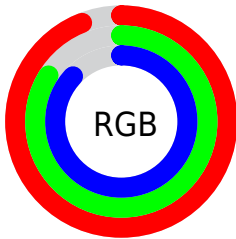
Format	Color
R _Y B	239, 213, 223
Decimal	15717855
CIE Lab	87.61, 10.67, -1.63
CIE LCh	88, 10.796, 351.338
Yxy	71.2669, 0.3250, 0.3186
Android (android.graphics.Color)	4293907935 (0xFFEFD5DF)
YUV	221.9140, 0.5354, 14.9844
Hunter-Lab	84.4197, 6.0062, 3.0935

Details

The RYB color **239, 213, 223** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213, 229, 239**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **183, 158, 168** is the 20% darker color. If you saturate the color by 10%, you get **239, 189, 208**, and if you desaturate by 10%, it is **239, 237, 238**.

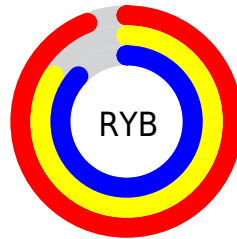
Distribution



Red (94%)

Green (84%)

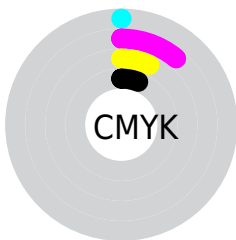
Blue (87%)



Red (94%)

Yellow (84%)

Blue (87%)

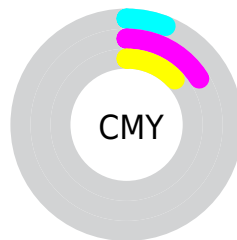


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 239, 213, 223 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 239, 213, 223 by changing the saturation by 10% instead.

 239, 213, 223

255, 255, 255

 239, 213, 223

 211, 185, 195

 183, 158, 168


 156, 132, 141

 130, 107, 116

 105, 83, 91

 80, 60, 68

 57, 38, 46

 35, 17, 25

 1, 0, 0

 239, 213, 223


 239, 213, 223

 239, 189, 208


 239, 237, 238

 239, 165, 194

 239, 248, 255

 239, 141, 179

 239, 247, 255

 239, 117, 164

 239, 94, 149

 239, 70, 135

 239, 46, 120

 239, 22, 105

 239, 0, 92

Harmonies

Analogous

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



230, 215, 233



239, 213, 223



242, 213, 213

Triad

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



239, 213, 223



200, 221, 201



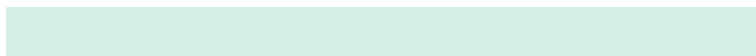
197, 213, 235

Complementary

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



239, 213, 223



213, 229, 239

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.



194, 210, 227



239, 213, 223



207, 224, 223

Square

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



239, 213, 223



222, 231, 200



199, 216, 226



206, 216, 240

Rectangle

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



239, 213, 223



241, 216, 206



199, 216, 226



195, 212, 233

Sweetspot

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



239, 213, 223



255, 247, 250



229, 213, 239



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

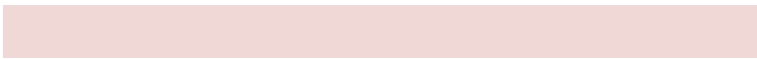
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239, 213, 223



255, 222, 235



239, 216, 213



120, 108, 112



184, 0, 71



56, 0, 22

Inverse Universe

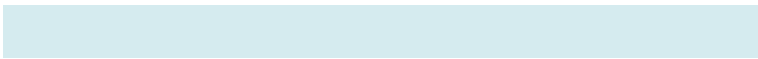
The Inverse Universe completely reimagines the original color for something new.



239, 213, 223



255, 222, 235



213, 225, 239



120, 108, 112



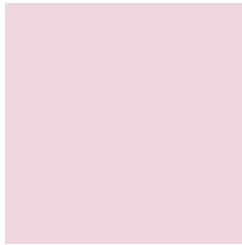
184, 0, 71



56, 0, 22

Previews

White Background



This preview shows how the RYB color 239, 213, 223 looks on a white background.

Color Contrast Check

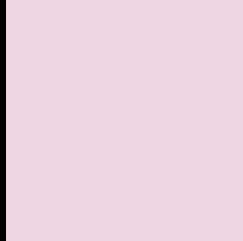
Large Text (above 18pt) WCAG AA × Fail

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 239, 213, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

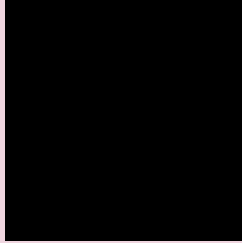
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

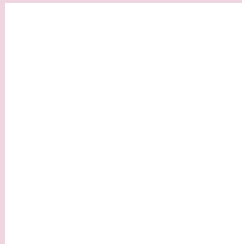
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 239, 213, 223 Background



This preview shows how black text looks on a background with the R Y B color 239, 213, 223.

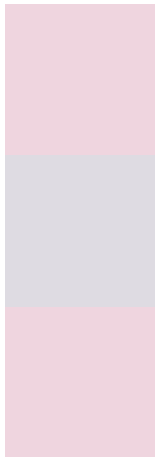


This preview shows how white text looks on a background with the R Y B color 239, 213, 223.

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
239, 213, 223

Protanopia
222, 219, 226

Deuteranopia
239, 213, 223



Tritanopia
240, 212, 229

Trichromacy



Original Color

239, 213, 223

Protanomaly

228, 217, 225

Deuteranomaly

239, 213, 223

Tritanomaly

240, 212, 227

Monochromacy



Original Color

239, 213, 223

Achromatopsia

222, 222, 222

Achromatomaly

228, 219, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 213, 223 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(239, 213, 223) looks like.

```
.text, #text, p{  
    color:rgb(239, 213, 223)  
}
```

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(239, 213, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 213, 223) }
```

Border

The CSS property to change the border of an element to RYB 239, 213, 223 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(239, 213, 223) }
```

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

```
.border{ border-color:rgb(239, 213, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 213, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 213, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 213, 223);  
box-shadow:4px 4px 4px 4px rgb(239, 213,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 239, 213, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 213, 223) }
```

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

```
.background{ background-color: rgb(239,  
213, 223) }
```

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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