

Converting Colors

`RYB(238, 211, 222)`

Have a look what the booklet for
RYB(238, 211, 222) contains.

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Color

$\text{RYB}(238, 211, 222)$

Conversions

Conversions Part 1

Format	Color
Hex	EED3DE
RGB	238, 211, 222
RGB Percent	93%, 83%, 87%
CMY	0.0667, 0.1725, 0.1294
CMYK	0.00, 0.11, 0.07, 0.07
HSL	336°, 44%, 88%
HSV	336°, 11%, 93%
XYZ	71.7390, 70.0396, 78.8452
YIQ	220.3270, 12.5610, 9.1450

Conversions

Conversions Part 2

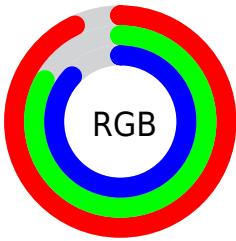
Format	Color
R _Y B	238, 211, 222
Decimal	15651806
CIE Lab	87.02, 11.21, -1.98
CIE LCh	87, 11.380, 349.961
Yxy	70.0396, 0.3252, 0.3175
Android (android.graphics.Color)	4293841886 (0xFFEED3DE)
YUV	220.3270, 0.8248, 15.4992
Hunter-Lab	83.6897, 6.5537, 2.7248

Details

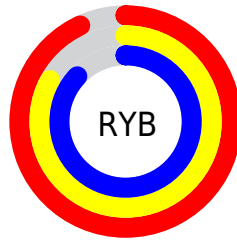
The RYB color **238, 211, 222** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **211, 228, 238**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 156, 167** is the 20% darker color. If you saturate the color by 10%, you get **238, 187, 208**, and if you desaturate by 10%, it is **238, 235, 236**.

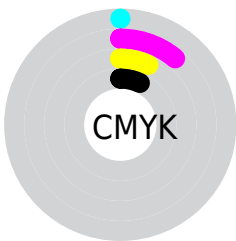
Distribution



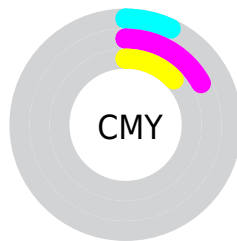
- Red (93%)
- Green (83%)
- Blue (87%)



- Red (93%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 211, 222 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 238, 211, 222 by changing the saturation by 10% instead.

■ 238, 211, 222

255, 255, 255

■ 238, 211, 222

■ 210, 183, 194

■ 182, 156, 167

■ 155, 130, 141

■ 129, 105, 115

■ 104, 81, 91

■ 79, 58, 67


■ 56, 36, 45

■ 34, 16, 24

■ 0, 0, 0

 238, 211, 222

 238, 211, 222

 238, 187, 208

 238, 235, 236

 238, 163, 194

 238, 248, 255

 238, 140, 180


 238, 247, 255

 238, 116, 166

 238, 92, 151

 238, 68, 137

 238, 44, 123

 238, 21, 109

 238, 0, 97

Harmonies

Analogous

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



229, 213, 232



238, 211, 222



242, 211, 211

Triad

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



238, 211, 222



198, 219, 198



194, 211, 234

Complementary

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



238, 211, 222



211, 228, 238

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.



191, 208, 225



238, 211, 222



204, 222, 219

Square

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



238, 211, 222



224, 231, 197



196, 213, 224



203, 215, 239

Rectangle

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



238, 211, 222



240, 214, 204



196, 213, 224



192, 210, 231

Sweetspot

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



238, 211, 222



255, 247, 250



227, 211, 238



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



238, 211, 222



255, 219, 234



238, 213, 211



120, 108, 113



184, 0, 75



56, 0, 23

Inverse Universe

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



238, 211, 222



255, 219, 234



211, 224, 238



120, 108, 113



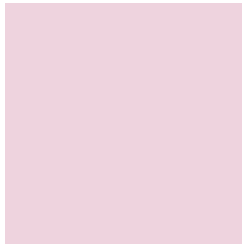
184, 0, 75



56, 0, 23

Previews

White Background



This preview shows how the RYB color 238, 211, 222 looks on a white background.

Color Contrast Check

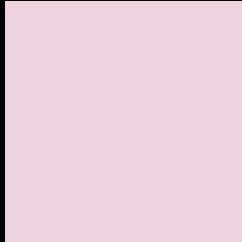
Large Text (above 18pt) WCAG AA × Fail

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 238, 211, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

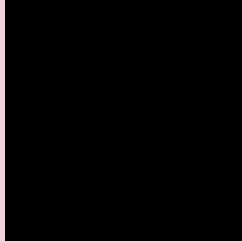
Any Text WCAG AA ✓ Pass

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 238, 211, 222 Background



This preview shows how black text looks on a background with the RYB color 238, 211, 222.



This preview shows how white text looks on a background with the RYB color 238, 211, 222.

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 238, 211, 222
	Protanopia 220, 217, 225
	Deuteranopia 237, 211, 222



Tritanopia
239, 210, 227

Trichromacy



Original Color

238, 211, 222

Protanomaly

227, 215, 224

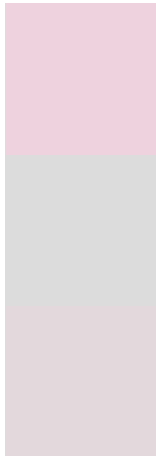
Deuteranomaly

237, 211, 222

Tritanomaly

239, 210, 225

Monochromacy



Original Color

238, 211, 222

Achromatopsia

220, 220, 220

Achromatomaly

227, 217, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 211, 222 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(238, 211, 222) looks like.

```
.text, #text, p{  
    color:rgb(238, 211, 222)  
}
```

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(238, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 211, 222) }
```

Border

The CSS property to change the border of an element to RYB 238, 211, 222 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(238, 211, 222) }
```

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

```
.border{ border-color:rgb(238, 211, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(238, 211,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 238, 211, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 211, 222) }
```

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

```
.background{ background-color: rgb(238,  
211, 222) }
```

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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