

Converting Colors

`RYB(240, 222, 238)`

Have a look what the booklet for RYB(240, 222, 238) contains.

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Color

R_YB(240, 222, 238)

Conversions

Conversions Part 1

Format	Color
Hex	F0DEEE
RGB	240, 222, 238
RGB Percent	94%, 87%, 93%
CMY	0.0588, 0.1294, 0.0667
CMYK	0.00, 0.07, 0.01, 0.06
HSL	307°, 37%, 91%
HSV	307°, 7%, 94%
XYZ	77.4891, 76.9409, 91.6559
YIQ	229.2060, 5.5920, 8.7920

Conversions

Conversions Part 2

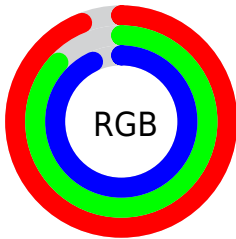
Format	Color
R _Y B	240, 222, 238
Decimal	15785710
CIE Lab	90.29, 8.93, -5.58
CIE LCh	90, 10.526, 328.018
Yxy	76.9409, 0.3149, 0.3127
Android (android.graphics.Color)	4293975790 (0xFFFF0DEEE)
YUV	229.2060, 4.3354, 9.4663
Hunter-Lab	87.7159, 4.1857, -0.5520

Details

The RYB color **240, 222, 238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 238, 240**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 167, 182** is the 20% darker color. If you saturate the color by 10%, you get **240, 198, 235**, and if you desaturate by 10%, it is **240, 245, 246**.

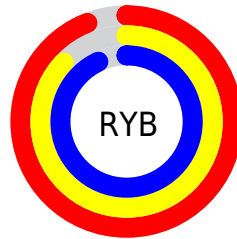
Distribution



Red (94%)

Green (87%)

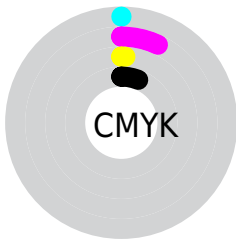
Blue (93%)



Red (94%)

Yellow (87%)

Blue (93%)

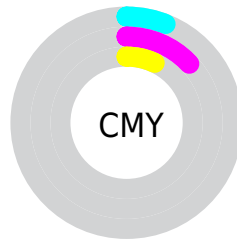


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 222, 238 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 240, 222, 238 by changing the saturation by 10% instead.

■ 240, 222, 238

255, 255, 255

■ 240, 222, 238

■ 212, 194, 210

■ 184, 167, 182

■ 157, 141, 155

■ 131, 115, 129

■ 106, 90, 104

■ 81, 67, 80


■ 58, 45, 57

■ 37, 24, 36


■ 17, 0, 14

 240, 222, 238


 240, 222, 238

 240, 198, 235


 240, 245, 246

 240, 174, 233


 240, 253, 255

 240, 150, 230


 240, 251, 255

 240, 126, 227


 240, 249, 255

 240, 102, 225

 240, 249, 255

 240, 78, 222

 240, 248, 255

 240, 54, 219

 240, 248, 255

 240, 30, 217

 240, 6, 214

Harmonies

Analogous

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



229, 225, 245



240, 222, 238



247, 221, 228

Triad

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



240, 222, 238



224, 237, 207



202, 218, 236

Complementary

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



240, 222, 238



222, 238, 240

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.



205, 221, 233



240, 222, 238



209, 229, 213

Square

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



240, 222, 238



245, 231, 210



214, 230, 232



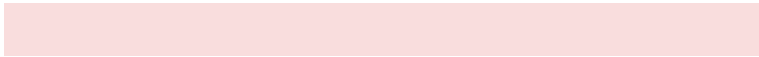
206, 221, 244

Rectangle

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



240, 222, 238



249, 221, 221



214, 230, 232



203, 218, 233

Sweetspot

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



240, 222, 238



255, 250, 254



224, 222, 240



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



240, 222, 238



255, 232, 252



240, 222, 229



120, 108, 119



184, 0, 163



56, 0, 50

Inverse Universe

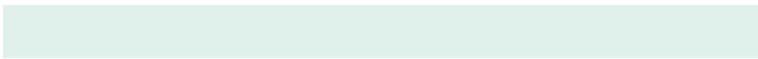
The Inverse Universe completely reimagines the original color for something new.



240, 222, 238



255, 232, 252



222, 233, 240



120, 108, 119



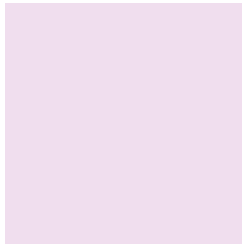
184, 0, 163



56, 0, 50

Previews

White Background



This preview shows how the RYB color 240, 222, 238 looks on a white background.

Color Contrast Check

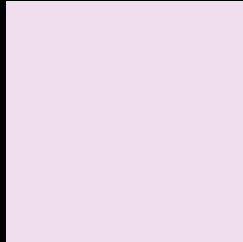
Large Text (above 18pt) WCAG AA × Fail

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 240, 222, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

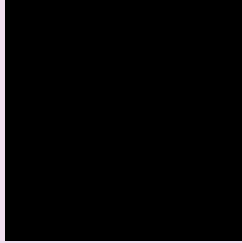
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

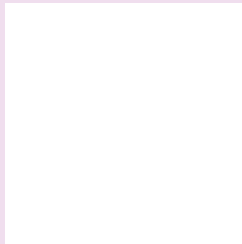
Any Text WCAG AAA ✓ Pass

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

RYB 240, 222, 238 Background



This preview shows how black text looks on a background with the RYB color 240, 222, 238.

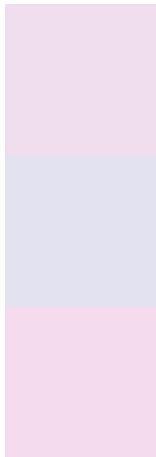


This preview shows how white text looks on a background with the RYB color 240, 222, 238.

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
240, 222, 238

Protanopia
227, 226, 240

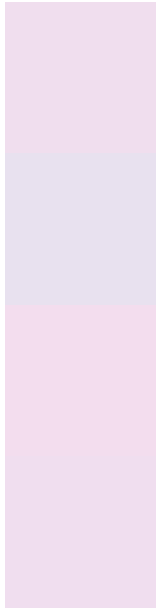
Deuteranopia
244, 220, 238



Tritanopia

240, 222, 239

Trichromacy



Original Color

240, 222, 238

Protanomaly

232, 225, 239

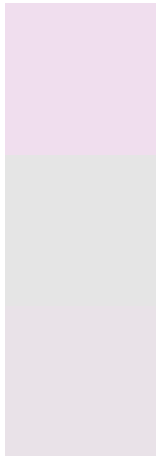
Deuteranomaly

243, 221, 238

Tritanomaly

240, 222, 239

Monochromacy



Original Color

240, 222, 238

Achromatopsia

229, 229, 229

Achromatomaly

233, 226, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 222, 238 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(240, 222, 238) looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 238)  
}
```

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(240, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 238) }
```

Border

The CSS property to change the border of an element to RYB 240, 222, 238 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(240, 222, 238) }
```

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

```
.border{ border-color:rgb(240, 222, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 240, 222, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 238) }
```

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

```
.background{ background-color: rgb(240,  
222, 238) }
```

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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