

Converting Colors

`RYB(239, 222, 221)`

Have a look what the booklet for
RYB(239, 222, 221) contains.

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Color

R_YB(239, 222, 221)

Conversions

Conversions Part 1

Format	Color
Hex	EFDEDD
RGB	239, 222, 221
RGB Percent	94%, 87%, 87%
CMY	0.0627, 0.1296, 0.1333
CMYK	0.00, 0.07, 0.08, 0.06
HSL	3°, 36%, 90%
HSV	3°, 8%, 94%
XYZ	74.7550, 75.7858, 79.0947
YIQ	226.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

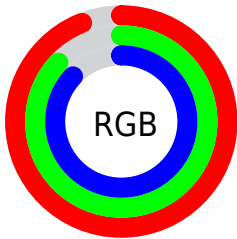
Format	Color
R_{YB}	239, 222, 221
Decimal	15720157
CIE Lab	89.76, 5.67, 2.56
CIE LCh	90, 6.223, 24.263
Yxy	75.7858, 0.3255, 0.3300
Android (android.graphics.Color)	4293910237 (0xFFEFDEDD)
YUV	226.9690, -2.9427, 10.5512
Hunter-Lab	87.0550, 0.9335, 7.0700

Details

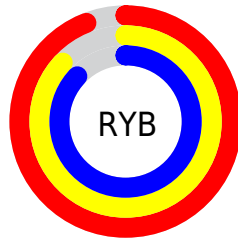
The RYB color **239, 222, 221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221, 230, 239**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **183, 167, 166** is the 20% darker color. If you saturate the color by 10%, you get **239, 199, 197**, and if you desaturate by 10%, it is **239, 242, 245**.

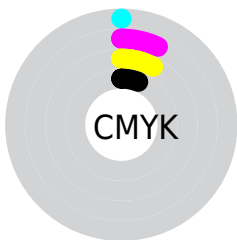
Distribution



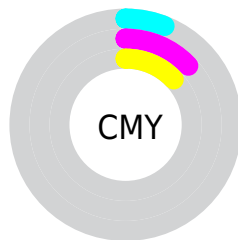
- Red (94%)
- Green (87%)
- Blue (87%)



- Red (94%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 239, 222, 221 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, 222, 221 by changing the saturation by 10% instead.


 239, 222, 221


255, 255, 255

 239, 222, 221


 211, 194, 193

 183, 167, 166

 156, 140, 140

 130, 115, 114

 105, 90, 90

 81, 67, 66

 57, 45, 44

 36, 24, 24


 12, 0, 0

 239, 222, 221

 239, 222, 221

 239, 199, 197

 239, 242, 245

 239, 177, 173

 239, 247, 255

 239, 154, 149

 239, 131, 125

 239, 109, 102

 239, 86, 78

 239, 63, 54

 239, 42, 30

 239, 19, 6

Harmonies

Analogous

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



237, 222, 227



239, 222, 221



237, 227, 216

Triad

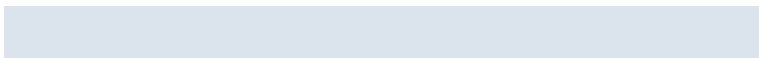
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239, 222, 221



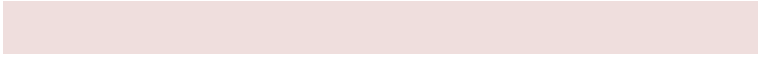
219, 228, 228



219, 225, 237

Complementary

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



239, 222, 221



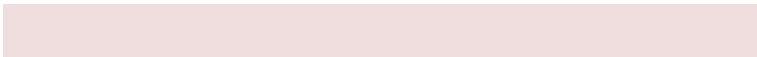
221, 230, 239

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.



213, 222, 235



239, 222, 221



213, 222, 229

Square

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



239, 222, 221



215, 227, 217



211, 220, 230



226, 225, 236

Rectangle

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



239, 222, 221



234, 234, 214



211, 220, 230



216, 223, 237

Sweetspot

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



239, 222, 221



255, 250, 250



239, 221, 238



128, 125, 125



0, 0, 0



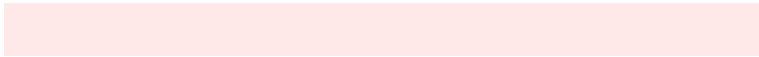
128, 128, 128

Same Dimension

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



239, 222, 221



255, 233, 232



235, 239, 221



120, 108, 108



184, 11, 0



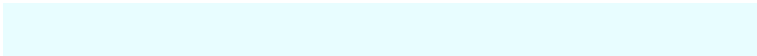
56, 3, 0

Inverse Universe

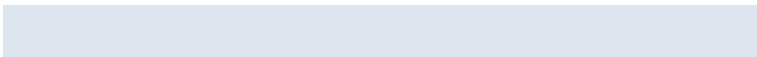
The Inverse Universe completely reimagines the original color for something new.



221, 230, 239



232, 243, 255



221, 227, 239



108, 114, 120



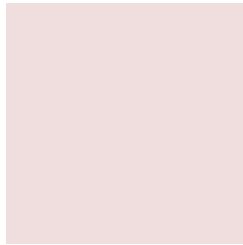
0, 89, 184



0, 27, 56

Previews

White Background



This preview shows how the RYB color 239, 222, 221 looks on a white background.

Color Contrast Check

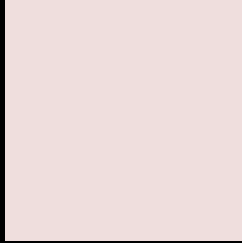
Large Text (above 18pt) WCAG AA × Fail

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, 222, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

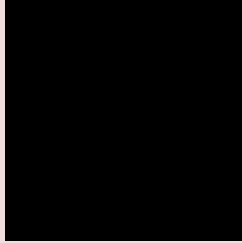
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

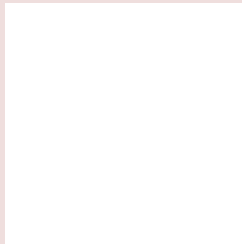
Any Text WCAG AAA ✓ Pass

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

RYB 239, 222, 221 Background



This preview shows how black text looks on a background with the RYB color 239, 222, 221.

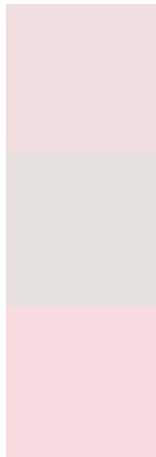


This preview shows how white text looks on a background with the RYB color 239, 222, 221.

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, 222, 221

Protanopia
230, 226, 223

Deuteranopia
249, 218, 222



Tritanopia
241, 220, 237

Trichromacy



Original Color

239, 222, 221

Protanomaly

233, 224, 222

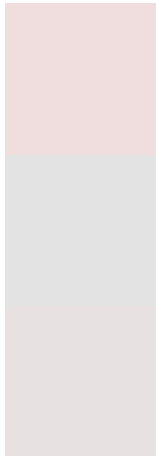
Deuteranomaly

245, 219, 222

Tritanomaly

240, 221, 231

Monochromacy



Original Color

239, 222, 221

Achromatopsia

227, 227, 227

Achromatomaly

231, 225, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 222, 221 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, 222, 221)` looks like.

```
.text, #text, p{  
    color:rgb(239, 222, 221)  
}
```

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, 222, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 222, 221) }
```

Border

The CSS property to change the border of an element to RYB 239, 222, 221 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, 222, 221) }
```

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

```
.border{ border-color:rgb(239, 222, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 222, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 222, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 222, 221);  
box-shadow:4px 4px 4px 4px rgb(239, 222,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 239, 222, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 222, 221) }
```

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

```
.background{ background-color: rgb(239,  
222, 221) }
```

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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