

Converting Colors

`RYB(234, 219, 218)`

Have a look what the booklet for RYB(234, 219, 218) contains.

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Color

R_YB(234, 219, 218)

Conversions

Conversions Part 1

Format	Color
Hex	EADBDA
RGB	234, 219, 218
RGB Percent	92%, 86%, 85%
CMY	0.0824, 0.1414, 0.1451
CMYK	0.00, 0.06, 0.07, 0.08
HSL	4°, 28%, 89%
HSV	4°, 7%, 92%
XYZ	71.9027, 73.1867, 76.6664
YIQ	223.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

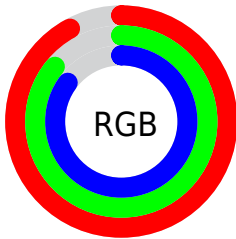
Format	Color
R_YB	234, 219, 218
Decimal	15391706
CIE Lab	88.54, 5.00, 2.31
CIE LCh	89, 5.506, 24.777
Yxy	73.1867, 0.3242, 0.3300
Android (android.graphics.Color)	4293581786 (0xFFEADBDA)
YUV	223.3710, -2.6479, 9.3216
Hunter-Lab	85.5492, 0.3152, 6.7507

Details

The RYB color **234, 219, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 226, 234**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 164, 163** is the 20% darker color. If you saturate the color by 10%, you get **234, 197, 195**, and if you desaturate by 10%, it is **234, 238, 241**.

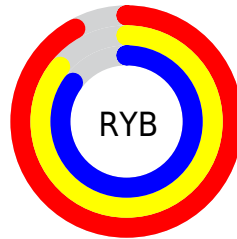
Distribution



Red (92%)

Green (86%)

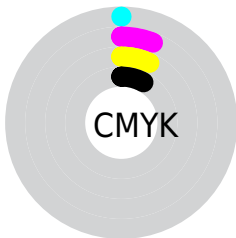
Blue (85%)



Red (92%)

Yellow (86%)

Blue (85%)

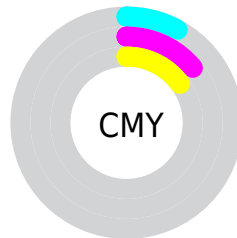


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 219, 218 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 234, 219, 218 by changing the saturation by 10% instead.

■ 234, 219, 218

255, 255, 255

■ 234, 219, 218

■ 206, 191, 190

■ 178, 164, 163

■ 151, 138, 137

■ 126, 112, 112

■ 101, 88, 87

■ 77, 65, 64


■ 54, 43, 42

■ 32, 22, 22

■ 0, 0, 0

 234, 219, 218


 234, 219, 218


 234, 197, 195


 234, 238, 241

 234, 175, 171

 234, 245, 255

 234, 153, 148

 234, 131, 124

 234, 110, 101

 234, 88, 78

 234, 66, 54

 234, 44, 31

 234, 22, 7

Harmonies

Analogous

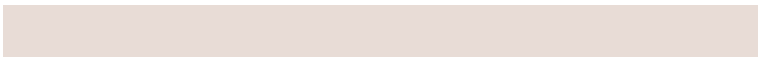
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 219, 223



234, 219, 218



232, 223, 214

Triad

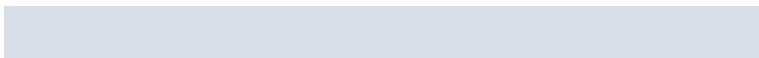
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234, 219, 218



216, 225, 225



216, 221, 232

Complementary

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



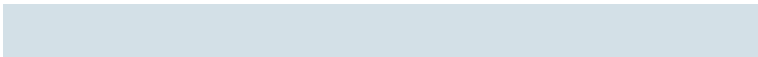
234, 219, 218



218, 226, 234

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.



211, 219, 231



234, 219, 218



211, 219, 225

Square

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



234, 219, 218



213, 223, 214



210, 218, 226



222, 221, 232

Rectangle

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



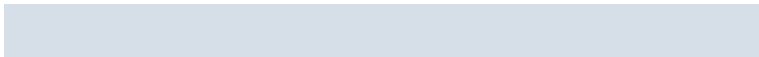
234, 219, 218



230, 230, 212



210, 218, 226



214, 220, 232

Sweetspot

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



234, 219, 218



255, 250, 250



234, 218, 233



128, 125, 125



0, 0, 0



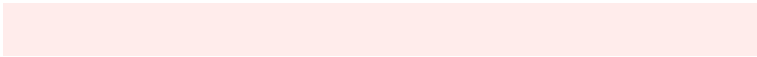
128, 128, 128

Same Dimension

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



234, 219, 218



255, 236, 235



230, 234, 218



117, 106, 106



181, 12, 0



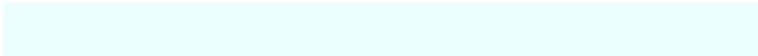
54, 3, 0

Inverse Universe

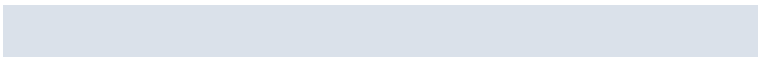
The Inverse Universe completely reimagines the original color for something new.



218, 226, 234



235, 245, 255



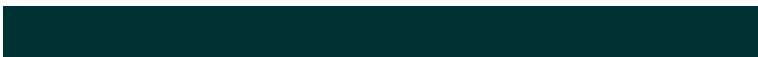
218, 223, 234



106, 112, 117



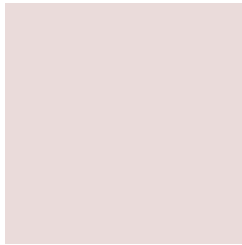
0, 88, 181



0, 26, 54

Previews

White Background



This preview shows how the RYB color 234, 219, 218 looks on a white background.

Color Contrast Check

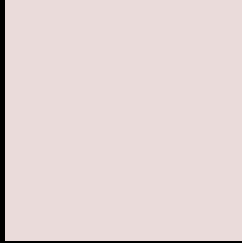
Large Text (above 18pt) WCAG AA × Fail

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 234, 219, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

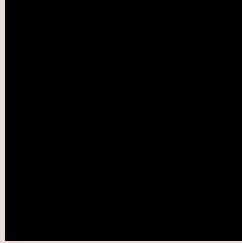
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

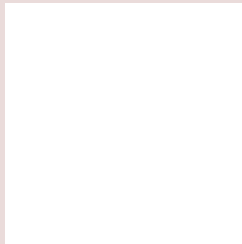
Any Text WCAG AAA ✓ Pass

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

RYB 234, 219, 218 Background



This preview shows how black text looks on a background with the RYB color 234, 219, 218.



This preview shows how white text looks on a background with the RYB color 234, 219, 218.

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
234, 219, 218

Protanopia
227, 222, 219

Deuteranopia
245, 215, 219



Tritanopia
236, 217, 234

Trichromacy



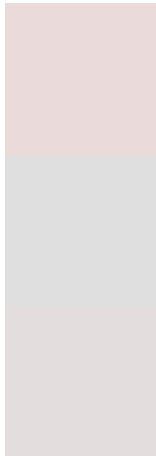
Original Color
234, 219, 218

Protanomaly
230, 220, 219

Deuteranomaly
241, 216, 219

Tritanomaly
235, 218, 228

Monochromacy



Original Color
234, 219, 218

Achromatopsia
223, 223, 223

Achromatomaly
227, 222, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 219, 218 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(234, 219, 218) looks like.

```
.text, #text, p{  
    color:rgb(234, 219, 218)  
}
```

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(234, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 218) }
```

Border

The CSS property to change the border of an element to RYB 234, 219, 218 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(234, 219, 218) }
```

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

```
.border{ border-color:rgb(234, 219, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 219, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 234, 219, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 219, 218) }
```

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

```
.background{ background-color: rgb(234,  
219, 218) }
```

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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