

Converting Colors

`RYB(249, 232, 236)`

Have a look what the booklet for RYB(249, 232, 236) contains.

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Color

R_YB(249, 232, 236)

Conversions

Conversions Part 1

Format	Color
Hex	F9E8EC
RGB	249, 232, 236
RGB Percent	98%, 91%, 93%
CMY	0.0235, 0.0902, 0.0745
CMYK	0.00, 0.07, 0.05, 0.02
HSL	346°, 59%, 94%
HSV	346°, 7%, 98%
XYZ	83.0639, 83.9091, 91.1750
YIQ	237.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

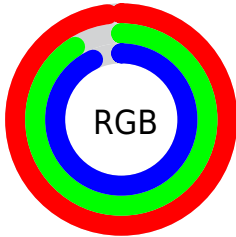
Format	Color
R _Y B	249, 232, 236
Decimal	16378092
CIE Lab	93.41, 6.44, 0.13
CIE LCh	93, 6.439, 1.151
Yxy	83.9091, 0.3218, 0.3250
Android (android.graphics.Color)	4294568172 (0xFF9E8E)
YUV	237.5390, -0.7587, 10.0513
Hunter-Lab	91.6019, 1.5590, 5.1076

Details

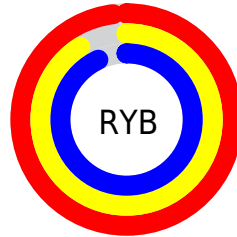
The RYB color **249, 232, 236** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 242, 249**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **193, 176, 180** is the 20% darker color. If you saturate the color by 10%, you get **249, 207, 217**, and if you desaturate by 10%, it is 249, 252, 255.

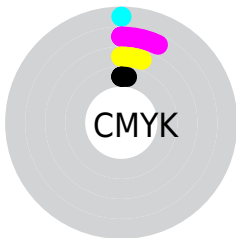
Distribution



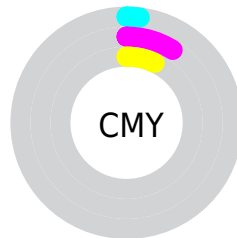
- Red (98%)
- Green (91%)
- Blue (93%)



- Red (98%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 232, 236 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 249, 232, 236 by changing the saturation by 10% instead.

 249, 232, 236

 249, 232, 236

255, 255, 255


 220, 204, 208

 193, 176, 180

 165, 150, 153

 139, 124, 128

 113, 99, 103

 89, 75, 79

 65, 52, 56

 43, 31, 34

 24, 7, 12

 249, 232, 236


 249, 232, 236

 249, 207, 217

 249, 252, 255

 249, 182, 198

 249, 157, 179

 249, 132, 160

 249, 108, 141

 249, 83, 122

 249, 58, 103

 249, 33, 84

 249, 8, 65

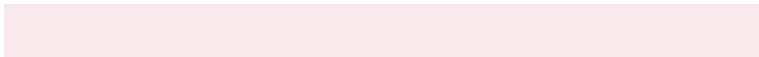
Harmonies

Analogous

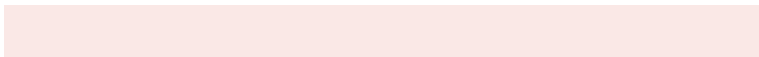
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 233, 242



249, 232, 236



250, 232, 230

Triad

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



249, 232, 236



225, 238, 229



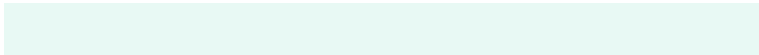
224, 233, 247

Complementary

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



249, 232, 236



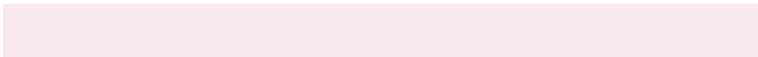
232, 242, 249

Split Complementary

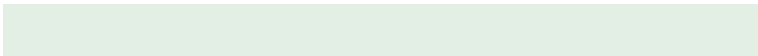
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221, 231, 242



249, 232, 236



227, 237, 239

Square

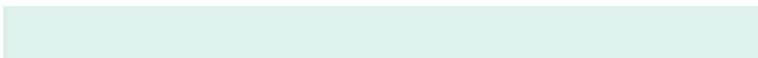
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



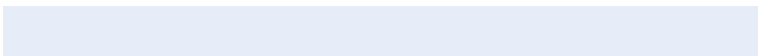
249, 232, 236



231, 241, 224



222, 232, 240



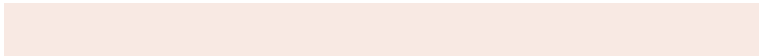
230, 235, 248

Rectangle

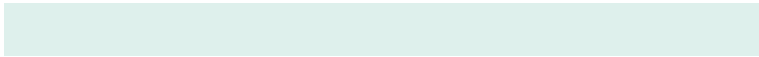
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 232, 236



248, 235, 227



222, 232, 240



223, 232, 245

Sweetspot

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



249, 232, 236



255, 250, 251



245, 232, 249



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

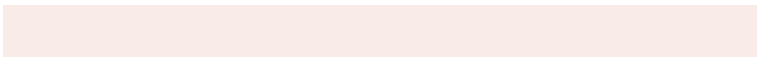
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 232, 236



255, 235, 239



249, 237, 232



125, 112, 115



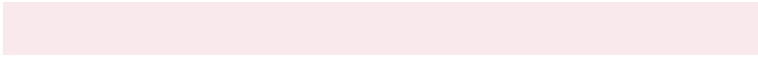
189, 0, 44



61, 0, 14

Inverse Universe

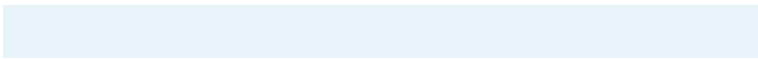
The Inverse Universe completely reimagines the original color for something new.



249, 232, 236



255, 235, 239



232, 239, 249



125, 112, 115



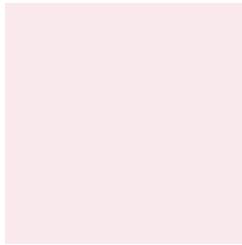
189, 0, 44



61, 0, 14

Previews

White Background



This preview shows how the RYB color 249, 232, 236 looks on a white background.

Color Contrast Check

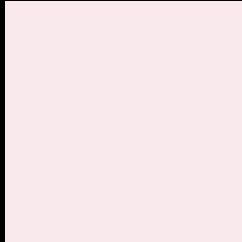
Large Text (above 18pt) WCAG AA × Fail

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 249, 232, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

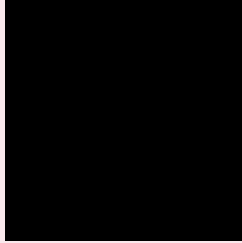
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

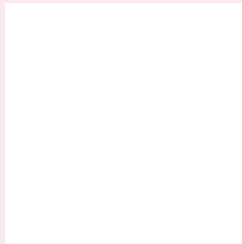
Any Text WCAG AAA ✓ Pass

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

RYB 249, 232, 236 Background



This preview shows how black text looks on a background with the RYB color 249, 232, 236.

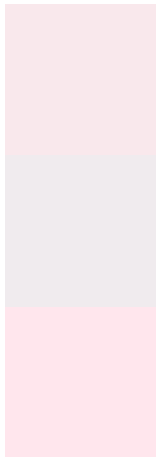


This preview shows how white text looks on a background with the RYB color 249, 232, 236.

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
249, 232, 236

Protanopia
240, 235, 238

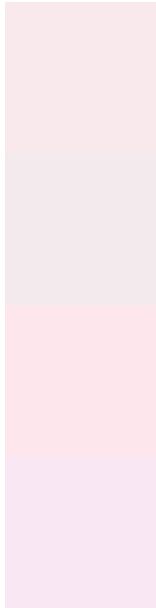
Deuteranopia
255, 230, 237



Tritanopia

251, 230, 248

Trichromacy



Original Color

249, 232, 236

Protanomaly

243, 234, 237

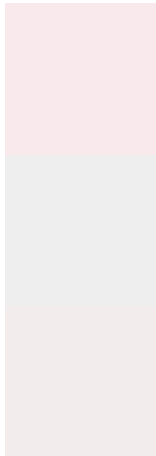
Deuteranomaly

253, 231, 237

Tritanomaly

250, 231, 244

Monochromacy



Original Color

249, 232, 236

Achromatopsia

238, 238, 238

Achromatomaly

242, 236, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 232, 236 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(249, 232, 236) looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 236)  
}
```

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(249, 232, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 236) }
```

Border

The CSS property to change the border of an element to RYB 249, 232, 236 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(249, 232, 236) }
```

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

```
.border{ border-color:rgb(249, 232, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 232, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 236);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 249, 232, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 232, 236) }
```

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

```
.background{ background-color: rgb(249,  
232, 236) }
```

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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