

Converting Colors

`RYB(234, 252, 234)`

Have a look what the booklet for
RYB(234, 252, 234) contains.

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Color

R_YB(234, 252, 234)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCEA
RGB	252, 252, 234
RGB Percent	99%, 99%, 92%
CMY	0.0118, 0.0118, 0.0824
CMYK	0.00, 0.00, 0.07, 0.01
HSL	60°, 75%, 95%
HSV	60°, 7%, 99%
XYZ	89.8066, 96.2568, 91.6880
YIQ	249.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

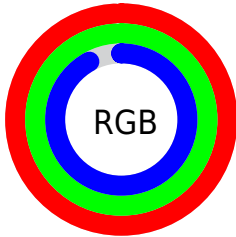
Format	Color
R_YB	234, 252, 234
Decimal	16579818
CIE Lab	98.53, -3.05, 8.61
CIE LCh	99, 9.132, 109.479
Yxy	96.2568, 0.3233, 0.3466
Android (android.graphics.Color)	4294769898 (0xFFFCFCEA)
YUV	249.9480, -7.8624, 1.7996
Hunter-Lab	98.1105, -8.3015, 13.2686

Details

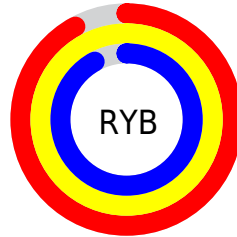
The RYB color 234, 252, 234 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 234, 234, 252, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 178, 195, 178 is the 20% darker color. If you saturate the color by 10%, you get 209, 252, 209, and if you desaturate by 10%, it is 252, 252, 255.

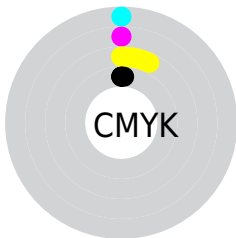
Distribution



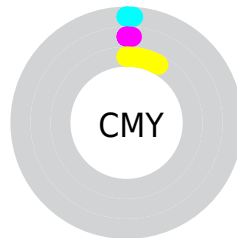
- Red (99%)
- Green (99%)
- Blue (92%)



- Red (92%)
- Yellow (99%)
- Blue (92%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 252, 234 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, 252, 234 by changing the saturation by 10% instead.


 234, 252, 234

255, 255, 255


 234, 252, 234

 206, 223, 206

 178, 195, 178

 152, 168, 152

 126, 142, 126

 101, 116, 101

 77, 92, 78

 54, 68, 54

 33, 46, 33

 10, 25, 10

 234, 252, 234

 234, 252, 234

 209, 252, 209

 252, 252, 255

 184, 252, 184

 158, 252, 158

 133, 252, 133

 108, 252, 108

 83, 252, 83

 58, 252, 58

 32, 252, 32

 7, 252, 7

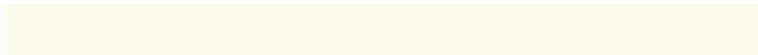
Harmonies

Analogous

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



241, 255, 233



234, 252, 234



239, 255, 252

Triad

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



234, 252, 234



231, 243, 255



255, 245, 254

Complementary

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



234, 252, 234



234, 234, 252

Split Complementary

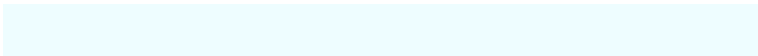
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 247, 255



234, 252, 234



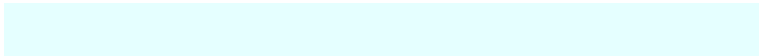
238, 246, 255

Square

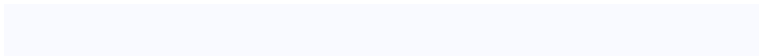
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



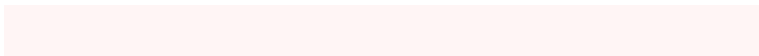
234, 252, 234



229, 242, 255



249, 250, 255



255, 245, 245

Rectangle

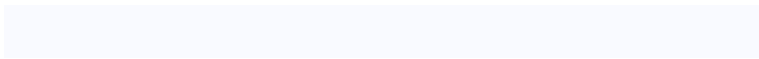
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234, 252, 234



236, 249, 255



249, 250, 255



255, 246, 255

Sweetspot

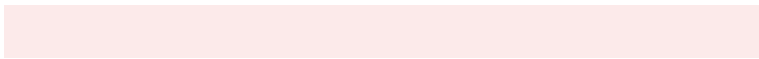
The Sweet Spot groups the original color and five complimentary colors.



234, 252, 234



250, 255, 250



252, 234, 234



125, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



234, 252, 234



232, 255, 232



234, 252, 243



112, 125, 112



0, 189, 0



0, 61, 0

Inverse Universe

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



234, 234, 252



232, 232, 255



243, 234, 252



112, 112, 125



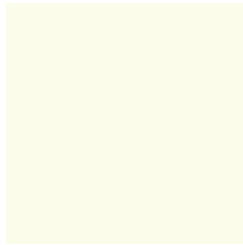
0, 0, 189



0, 0, 61

Previews

White Background



This preview shows how the RYB color 234, 252, 234 looks on a white background.

Color Contrast Check

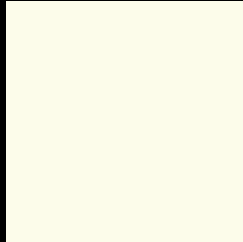
Large Text (above 18pt) WCAG AA × Fail

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, 252, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

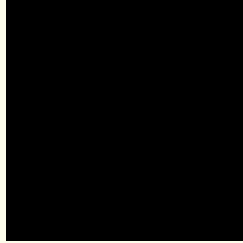
Any Text WCAG AA ✓ Pass

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, 252, 234 Background



This preview shows how black text looks on a background with the RYB color 234, 252, 234.

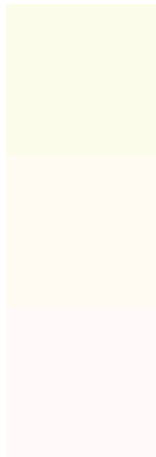


This preview shows how white text looks on a background with the RYB color 234, 252, 234.

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, 252, 234

Protanopia
250, 255, 242

Deuteranopia
255, 250, 249

Tritanopia
252, 250, 255

Trichromacy



Original Color

234, 252, 234

Protanomaly

243, 254, 239

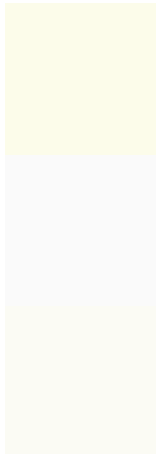
Deuteranomaly

248, 254, 244

Tritanomaly

248, 252, 247

Monochromacy



Original Color

234, 252, 234

Achromatopsia

250, 250, 250

Achromatomaly

244, 251, 244

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 252, 234 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(252, 252, 234) looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 234)  
}
```

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(252, 252, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 234) }
```

Border

The CSS property to change the border of an element to RYB 234, 252, 234 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(252, 252, 234) }
```

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

```
.border{ border-color:rgb(252, 252, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 234);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 234, 252, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 234) }
```

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

```
.background{ background-color: rgb(252,  
252, 234) }
```

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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