

Converting Colors

`RYB(234, 247, 152)`

Have a look what the booklet for
RYB(234, 247, 152) contains.

RYB(234, 247, 152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(234, 247, 152)

Conversions

Conversions Part 1

Format	Color
Hex	F7CB98
RGB	247, 203, 152
RGB Percent	97%, 80%, 60%
CMY	0.0314, 0.2040, 0.4039
CMYK	0.00, 0.18, 0.38, 0.03
HSL	32°, 86%, 78%
HSV	32°, 38%, 97%
XYZ	65.3785, 64.7477, 38.7575
YIQ	210.3420, 42.5950, -6.5330

Conversions

Conversions Part 2

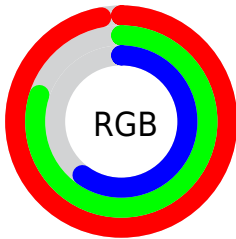
Format	Color
RYB	234, 247, 152
Decimal	16239512
CIELab	84.35, 8.81, 31.28
CIElCh	84, 32.500, 74.270
Yxy	64.7477, 0.3871, 0.3834
Android (android.graphics.Color)	4294429592 (0xFFFF7CB98)
YUV	210.3420, -28.7626, 32.1491
Hunter-Lab	80.4659, 4.2157, 27.7683

Details

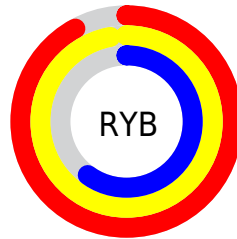
The RYB color **234, 247, 152** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **152, 182, 247**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **207, 255, 207**, and **173, 189, 100** is the 20% darker color. If you saturate the color by 10%, you get **229, 247, 127**, and if you desaturate by 10%, it is **239, 247, 177**.

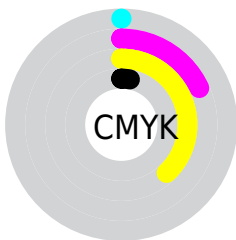
Distribution



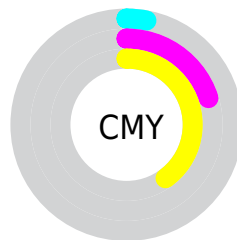
- Red (97%)
- Green (80%)
- Blue (60%)



- Red (92%)
- Yellow (97%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 247, 152 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, 247, 152 by changing the saturation by 10% instead.

 234, 247, 152

255, 255, 255


 207, 255, 207

 235, 255, 235

 234, 247, 152

 203, 218, 126

 173, 189, 100

 145, 161, 76

 116, 134, 52

 85, 107, 30

 53, 81, 6

 45, 56, 0

 32, 11, 0

 0, 0, 0

■ 234, 247, 152

■ 234, 247, 152

■ 229, 247, 127

■ 239, 247, 177

■ 228, 247, 103

■ 240, 247, 201

■ 223, 247, 78

■ 245, 247, 226

■ 221, 247, 53

■ 247, 248, 251

■ 215, 247, 28

■ 247, 251, 255

■ 215, 247, 4

■ 212, 247, 0

Harmonies

Analogous

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



255, 202, 169



234, 247, 152



156, 218, 151

Triad

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



234, 247, 152



121, 176, 228



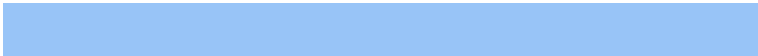
233, 198, 255

Complementary

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



234, 247, 152



152, 182, 247

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.



193, 205, 255



234, 247, 152



119, 178, 252

Square

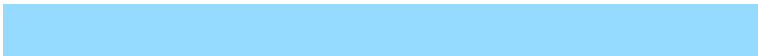
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 247, 152



148, 197, 226



149, 191, 255



255, 190, 228

Rectangle

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



234, 247, 152



159, 219, 183



149, 191, 255



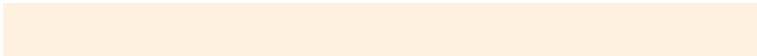
221, 201, 255

Sweetspot

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



234, 247, 152



250, 255, 224



247, 152, 196



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



234, 247, 152



238, 255, 138



152, 247, 155



119, 122, 110



160, 186, 0



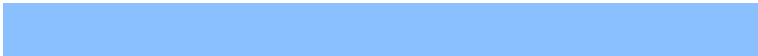
53, 59, 0

Inverse Universe

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



152, 182, 247



138, 175, 255



155, 152, 247



110, 114, 122



0, 59, 186



0, 19, 59

Previews

White Background



This preview shows how the RYB color 234, 247, 152 looks on a white background.

Color Contrast Check

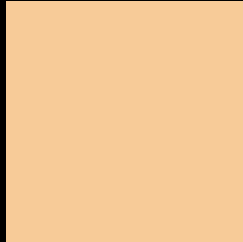
Large Text (above 18pt) WCAG AA × Fail

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, 247, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

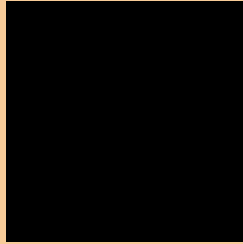
Any Text WCAG AA ✓ Pass

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, 247, 152 Background



This preview shows how black text looks on a background with the RYB color 234, 247, 152.

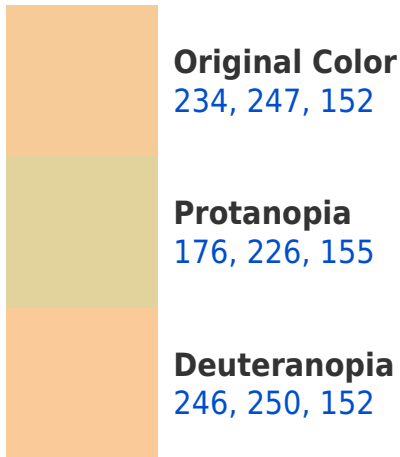



This preview shows how white text looks on a background with the RYB color 234, 247, 152.

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](#).

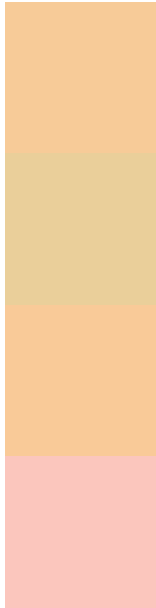
Dichromacy





Tritanopia
253, 195, 210

Trichromacy



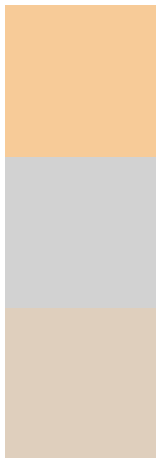
Original Color
234, 247, 152

Protanomaly
195, 234, 154

Deuteranomaly
243, 249, 152

Tritanomaly
251, 200, 189

Monochromacy



Original Color
234, 247, 152

Achromatopsia
210, 210, 210

Achromatomaly
219, 223, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 247, 152 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(247, 203, 152) looks like.

```
.text, #text, p{  
    color:rgb(247, 203, 152)  
}
```

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(247, 203, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 203, 152) }
```

Border

The CSS property to change the border of an element to RYB 234, 247, 152 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(247, 203, 152) }
```

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

```
.border{ border-color:rgb(247, 203, 152) }
```

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

Here you see how a box with a 4 pixel rgb(247, 203, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 203, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 203, 152);  
box-shadow:4px 4px 4px 4px rgb(247, 203,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 234, 247, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 203, 152) }
```

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

```
.background{ background-color: rgb(247,  
203, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor