

Converting Colors

`RYB(215, 247, 171)`

Have a look what the booklet for
RYB(215, 247, 171) contains.

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Color

R_YB(215, 247, 171)

Conversions

Conversions Part 1

Format	Color
Hex	F7DBAB
RGB	247, 219, 171
RGB Percent	97%, 86%, 67%
CMY	0.0314, 0.1407, 0.3294
CMYK	0.00, 0.11, 0.31, 0.03
HSL	38°, 83%, 82%
HSV	38°, 31%, 97%
XYZ	71.0748, 73.4471, 48.9587
YIQ	221.9000, 32.0960, -8.9920

Conversions

Conversions Part 2

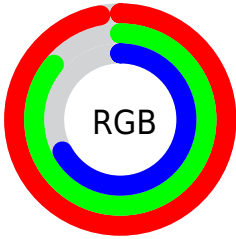
Format	Color
RYB	215, 247, 171
Decimal	16243627
CIELab	88.66, 2.71, 27.23
CIELCh	89, 27.362, 84.316
Yxy	73.4471, 0.3673, 0.3796
Android (android.graphics.Color)	4294433707 (0xFFF7DBAB)
YUV	221.9000, -25.0937, 22.0127
Hunter-Lab	85.7013, -1.9415, 26.1202

Details

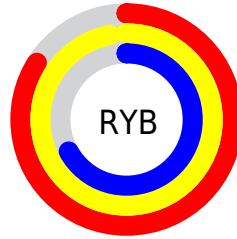
The RYB color **215, 247, 171** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **171, 191, 247**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **227, 255, 227**, and **159, 190, 118** is the 20% darker color. If you saturate the color by 10%, you get **204, 247, 146**, and if you desaturate by 10%, it is **226, 247, 196**.

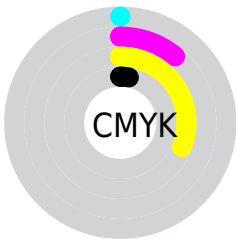
Distribution



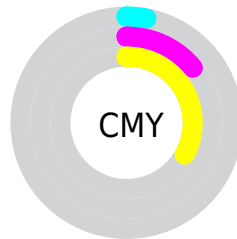
- Red (97%)
- Green (86%)
- Blue (67%)



- Red (84%)
- Yellow (97%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (31%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 247, 171 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 215, 247, 171 by changing the saturation by 10% instead.


 215, 247, 171


 215, 247, 171


255, 255, 255


 187, 218, 144

 227, 255, 227

 159, 190, 118


 130, 162, 93

 102, 135, 69

 78, 109, 46

 50, 83, 24

 22, 59, 0

 18, 35, 0

 0, 0, 0

■ 215, 247, 171

■ 215, 247, 171

■ 204, 247, 146

■ 226, 247, 196

■ 195, 247, 122

■ 236, 247, 220

■ 184, 247, 97

■ 247, 247, 245

■ 173, 247, 72

■ 247, 251, 255

■ 162, 247, 47

■ 152, 247, 23

■ 144, 247, 0

Harmonies

Analogous

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



255, 231, 181



215, 247, 171



175, 228, 183

Triad

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



215, 247, 171



149, 194, 243



252, 209, 253

Complementary

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



215, 247, 171



171, 191, 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.



220, 218, 255



215, 247, 171



157, 200, 255

Square

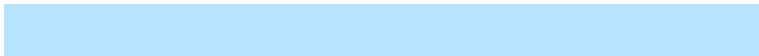
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215, 247, 171



163, 206, 237



185, 211, 255



255, 204, 229

Rectangle

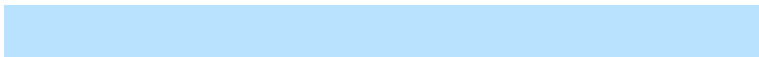
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215, 247, 171



185, 232, 217



185, 211, 255



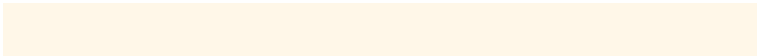
242, 212, 255

Sweetspot

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



215, 247, 171



244, 255, 232



247, 171, 199



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



215, 247, 171



217, 255, 161



171, 247, 181



116, 122, 110



107, 186, 0



35, 59, 0

Inverse Universe

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



171, 191, 247



161, 186, 255



181, 171, 247



110, 114, 122



0, 50, 186



0, 16, 59

Previews

White Background



This preview shows how the RYB color 215, 247, 171 looks on a white background.

Color Contrast Check

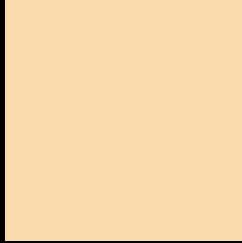
Large Text (above 18pt) WCAG AA × Fail

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 215, 247, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

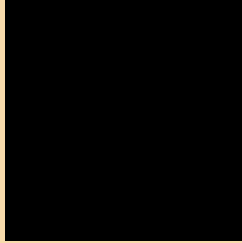
Any Text WCAG AA ✓ Pass

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 215, 247, 171 Background



This preview shows how black text looks on a background with the RYB color 215, 247, 171.




This preview shows how white text looks on a background with the RYB color 215, 247, 171.

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 215, 247, 171
Protanopia 193, 238, 172
Deuteranopia 255, 242, 182



Tritanopia

254, 211, 228

Trichromacy



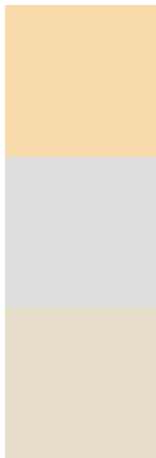
Original Color
215, 247, 171

Protanomaly
200, 241, 172

Deuteranomaly
244, 252, 178

Tritanomaly
251, 215, 207

Monochromacy



Original Color
215, 247, 171

Achromatopsia
222, 222, 222

Achromatomaly
219, 231, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 247, 171 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, 219, 171) looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 171)  
}
```

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, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 171) }
```

Border

The CSS property to change the border of an element to RYB 215, 247, 171 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, 219, 171) }
```

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

```
.border{ border-color:rgb(247, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 171);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 215, 247, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 171) }
```

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

```
.background{ background-color: rgb(247,  
219, 171) }
```

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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