

Converting Colors

`RYB(212, 241, 171)`

Have a look what the booklet for
RYB(212, 241, 171) contains.

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Color

R_YB(212, 241, 171)

Conversions

Conversions Part 1

Format	Color
Hex	F1D7AB
RGB	241, 215, 171
RGB Percent	95%, 84%, 67%
CMY	0.0549, 0.1563, 0.3294
CMYK	0.00, 0.11, 0.29, 0.05
HSL	38°, 71%, 81%
HSV	38°, 29%, 95%
XYZ	67.9635, 70.3154, 48.5182
YIQ	217.7580, 29.6200, -8.1720

Conversions

Conversions Part 2

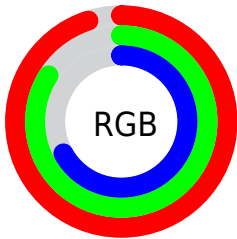
Format	Color
RYB	212, 241, 171
Decimal	15849387
CIELab	87.15, 2.49, 25.09
CIELCh	87, 25.210, 84.323
Yxy	70.3154, 0.3638, 0.3764
Android (android.graphics.Color)	4294039467 (0xFFFF1D7AB)
YUV	217.7580, -23.0517, 20.3832
Hunter-Lab	83.8543, -2.0716, 24.3927

Details

The RYB color **212, 241, 171** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **171, 190, 241**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **227, 255, 227**, and **157, 184, 119** is the 20% darker color. If you saturate the color by 10%, you get **203, 241, 147**, and if you desaturate by 10%, it is **222, 241, 195**.

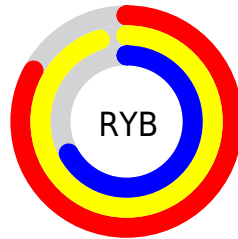
Distribution



Red (95%)

Green (84%)

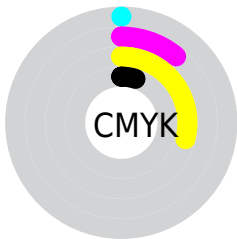
Blue (67%)



Red (83%)

Yellow (95%)

Blue (67%)

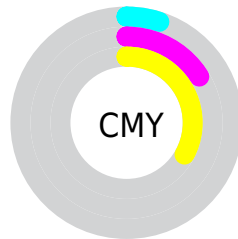


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 241, 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 212, 241, 171 by changing the saturation by 10% instead.

 212, 241, 171

255, 255, 255

 227, 255, 227

 212, 241, 171

 184, 212, 144


 156, 184, 118

 130, 157, 94

 102, 130, 70

 76, 104, 47

 50, 79, 25

 21, 55, 0

 19, 32, 0

 0, 0, 0

■ 212, 241, 171

■ 212, 241, 171

■ 203, 241, 147

■ 222, 241, 195

■ 193, 241, 123

■ 232, 241, 219

■ 184, 241, 99

■ 241, 242, 243

■ 171, 241, 75

■ 241, 247, 255

■ 160, 241, 50

■ 241, 248, 255

■ 151, 241, 26

■ 141, 241, 2

■ 141, 241, 0

Harmonies

Analogous

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



255, 222, 180



212, 241, 171



174, 223, 181

Triad

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



212, 241, 171



152, 193, 237



245, 206, 247

Complementary

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



212, 241, 171



171, 190, 241

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.



217, 214, 255



212, 241, 171



159, 199, 255

Square

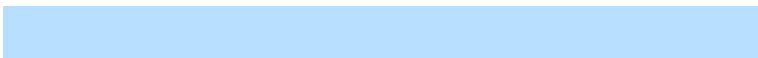
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212, 241, 171



164, 204, 232



184, 209, 255



255, 202, 224

Rectangle

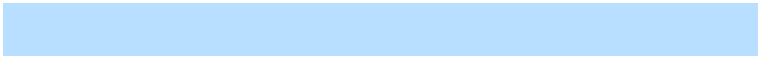
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212, 241, 171



184, 227, 214



184, 209, 255



236, 208, 253

Sweetspot

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



212, 241, 171



244, 255, 232



241, 171, 198



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



212, 241, 171



218, 255, 166



171, 241, 179



117, 120, 108



108, 184, 0



34, 56, 0

Inverse Universe

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



171, 190, 241



166, 190, 255



179, 171, 241



108, 111, 120



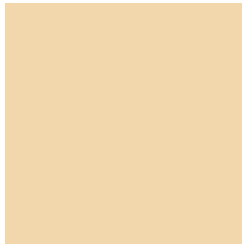
0, 50, 184



0, 15, 56

Previews

White Background



This preview shows how the RYB color 212, 241, 171 looks on a white background.

Color Contrast Check

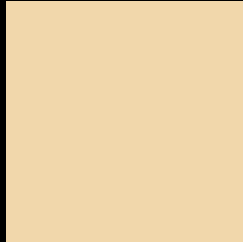
Large Text (above 18pt) WCAG AA × Fail

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 212, 241, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

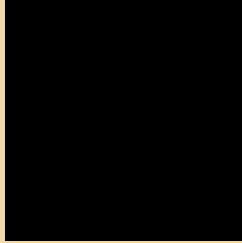
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

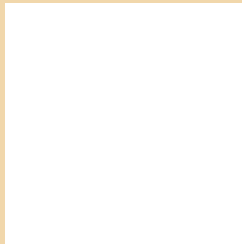
Any Text WCAG AAA ✓ Pass

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

RYB 212, 241, 171 Background



This preview shows how black text looks on a background with the RYB color 212, 241, 171.



This preview shows how white text looks on a background with the RYB color 212, 241, 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
212, 241, 171

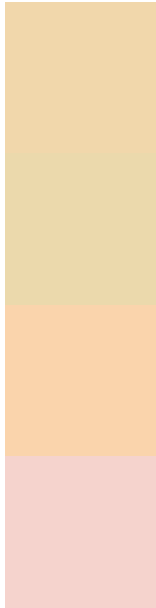
Protanopia
190, 232, 172

Deuteranopia
255, 242, 172



Tritanopia
247, 208, 224

Trichromacy



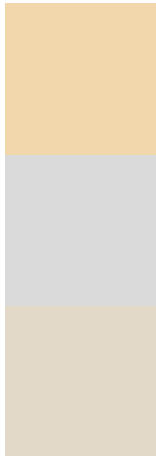
Original Color
212, 241, 171

Protanomaly
197, 235, 172

Deuteranomaly
246, 250, 172

Tritanomaly
245, 212, 205

Monochromacy



Original Color
212, 241, 171

Achromatopsia
218, 218, 218

Achromatomaly
215, 226, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 241, 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(241, 215, 171)` looks like.

```
.text, #text, p{  
    color:rgb(241, 215, 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(241, 215, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 215, 171) }
```

Border

The CSS property to change the border of an element to RYB 212, 241, 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(241, 215, 171) }
```

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

```
.border{ border-color:rgb(241, 215, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 215, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 215, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 215, 171);  
box-shadow:4px 4px 4px 4px rgb(241, 215,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 212, 241, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 215, 171) }
```

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

```
.background{ background-color: rgb(241,  
215, 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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