

Converting Colors

`RYB(200, 242, 143)`

Have a look what the booklet for
RYB(200, 242, 143) contains.

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Color

RYB(200, 242, 143)

Conversions

Conversions Part 1

Format	Color
Hex	F2CE8F
RGB	242, 206, 143
RGB Percent	95%, 81%, 56%
CMY	0.0510, 0.1928, 0.4392
CMYK	0.00, 0.15, 0.41, 0.05
HSL	38°, 79%, 75%
HSV	38°, 41%, 95%
XYZ	63.6055, 64.9197, 35.1650
YIQ	209.5820, 41.6790, -11.9610

Conversions

Conversions Part 2

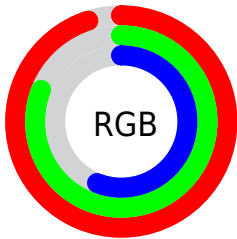
Format	Color
R _Y B	200, 242, 143
Decimal	15912591
CIE Lab	84.44, 4.40, 35.96
CIE LCh	84, 36.226, 83.021
Yxy	64.9197, 0.3886, 0.3966
Android (android.graphics.Color)	4294102671 (0xFFFF2CE8F)
YUV	209.5820, -32.8249, 28.4306
Hunter-Lab	80.5728, -0.0914, 30.5246

Details

The RYB color **200, 242, 143** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **143, 169, 242**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **197, 255, 197**, and **141, 184, 92** is the 20% darker color. If you saturate the color by 10%, you get **190, 242, 119**, and if you desaturate by 10%, it is **209, 242, 167**.

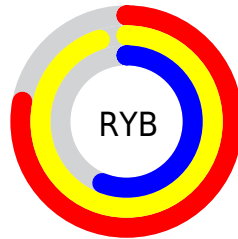
Distribution



Red (95%)

Green (81%)

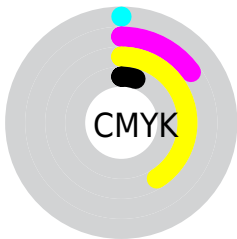
Blue (56%)



Red (78%)

Yellow (95%)

Blue (56%)

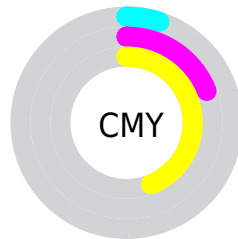


Cyan (0%)

Magenta (15%)

Yellow (41%)

Black (5%)



Cyan (5%)

Magenta (19%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 242, 143 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 200, 242, 143 by changing the saturation by 10% instead.

 200, 242, 143

255, 255, 255


 197, 255, 197

 226, 255, 226

254, 255, 254

 200, 242, 143


 172, 213, 117

 141, 184, 92

 112, 156, 67

 86, 129, 44

 56, 102, 20

 31, 77, 0

 28, 51, 0

 27, 22, 0

 0, 0, 0

■ 200, 242, 143

■ 200, 242, 143

■ 190, 242, 119

■ 209, 242, 167

■ 180, 242, 95

■ 219, 242, 191

■ 169, 242, 70

■ 232, 242, 216

■ 160, 242, 46

■ 242, 242, 240

■ 148, 242, 22

■ 242, 247, 255

■ 138, 242, 0

■ 242, 249, 255

Harmonies

Analogous

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



255, 216, 157



200, 242, 143



147, 217, 157

Triad

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



200, 242, 143



100, 166, 236



247, 193, 252

Complementary

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



200, 242, 143



143, 169, 242

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.



204, 205, 255



200, 242, 143



109, 174, 255

Square

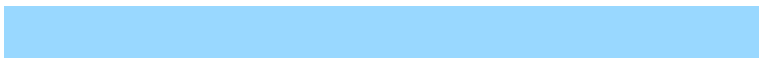
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



200, 242, 143



128, 187, 229



153, 192, 255



255, 186, 220

Rectangle

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



200, 242, 143



160, 223, 202



153, 192, 255



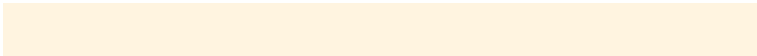
234, 197, 255

Sweetspot

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



200, 242, 143



241, 255, 224



242, 143, 179



121, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



200, 242, 143



203, 255, 130



143, 242, 156



117, 120, 108



105, 184, 0



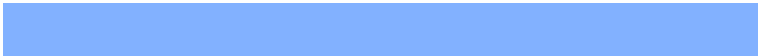
31, 56, 0

Inverse Universe

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



143, 169, 242



130, 164, 255



156, 143, 242



108, 111, 120



0, 49, 184



0, 15, 56

Previews

White Background



This preview shows how the RYB color 200, 242, 143 looks on a white background.

Color Contrast Check

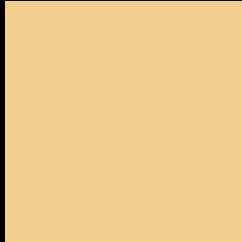
Large Text (above 18pt) WCAG AA × Fail

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 200, 242, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

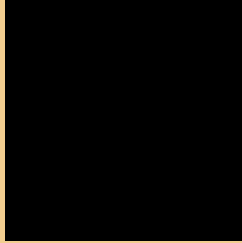
Any Text WCAG AA ✓ Pass

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 200, 242, 143 Background



This preview shows how black text looks on a background with the RYB color 200, 242, 143.



This preview shows how white text looks on a background with the RYB color 200, 242, 143.

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
200, 242, 143

Protanopia
166, 228, 145

Deuteranopia
237, 252, 144



Tritanopia
249, 197, 212

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 242, 143 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(242, 206, 143)` looks like.

```
.text, #text, p{  
    color:rgb(242, 206, 143)  
}
```

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(242, 206, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 206, 143) }
```

Border

The CSS property to change the border of an element to RYB 200, 242, 143 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(242, 206, 143) }
```

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

```
.border{ border-color:rgb(242, 206, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 206, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 206, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 206, 143); box-shadow:4px 4px 4px 4px rgb(242, 206, 143) }
```

Background

The CSS property to change the background color of an element to RYB 200, 242, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 206, 143) }
```

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

```
.background{ background-color: rgb(242,  
206, 143) }
```

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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