

Converting Colors

`RYB(235, 241, 162)`

Have a look what the booklet for
RYB(235, 241, 162) contains.

RYB(235, 241, 162)	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(235, 241, 162)

Conversions

Conversions Part 1

Format	Color
Hex	F1CBA2
RGB	241, 203, 162
RGB Percent	95%, 80%, 64%
CMY	0.0549, 0.2037, 0.3647
CMYK	0.00, 0.16, 0.33, 0.05
HSL	31°, 74%, 79%
HSV	31°, 33%, 95%
XYZ	64.1671, 64.0493, 43.1632
YIQ	209.6880, 35.8090, -4.6950

Conversions

Conversions Part 2

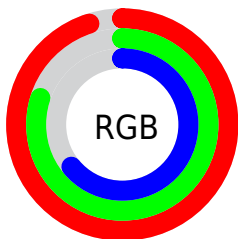
Format	Color
RYB	235, 241, 162
Decimal	15846306
CIELab	83.99, 7.63, 25.48
CIELCh	84, 26.597, 73.331
Yxy	64.0493, 0.3744, 0.3737
Android (android.graphics.Color)	4294036386 (0xFFFF1CBA2)
YUV	209.6880, -23.5102, 27.4606
Hunter-Lab	80.0308, 3.0640, 24.0445

Details

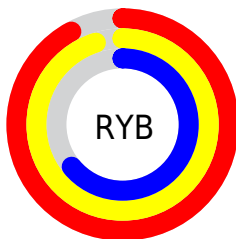
The RYB color **235, 241, 162** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **162, 188, 241**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **217, 255, 217**, and **176, 184, 110** is the 20% darker color. If you saturate the color by 10%, you get **235, 241, 138**, and if you desaturate by 10%, it is **235, 241, 186**.

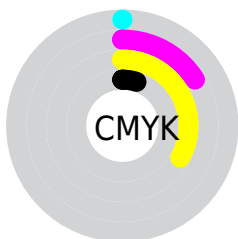
Distribution



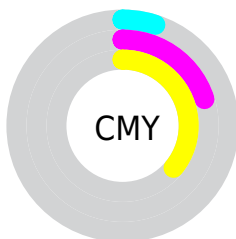
- Red (95%)
- Green (80%)
- Blue (64%)



- Red (92%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 241, 162 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 235, 241, 162 by changing the saturation by 10% instead.

 235, 241, 162

255, 255, 255

 217, 255, 217


 246, 255, 246

 235, 241, 162


 204, 212, 136

 176, 184, 110

 147, 156, 85

 120, 129, 62

 89, 103, 39

 61, 77, 18

 40, 54, 0

 30, 11, 0


 0, 0, 0

 235, 241, 162


 235, 241, 162

 235, 241, 138

 235, 241, 186

 231, 241, 114

 239, 241, 210


 231, 241, 90

 239, 241, 234

 228, 241, 66

 241, 246, 255

 227, 241, 42

 241, 248, 255

 222, 241, 17

 224, 241, 0

Harmonies

Analogous

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



255, 203, 176



235, 241, 162



168, 217, 161

Triad

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



235, 241, 162



141, 184, 224



227, 199, 246

Complementary

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



235, 241, 162



162, 188, 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.



195, 206, 255



235, 241, 162



140, 185, 243

Square

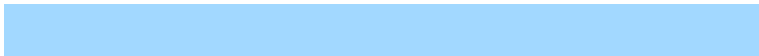
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 241, 162



161, 201, 223



162, 196, 255



251, 193, 224

Rectangle

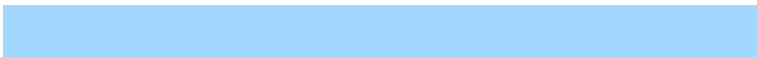
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235, 241, 162



167, 216, 185



162, 196, 255



217, 202, 251

Sweetspot

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



235, 241, 162



253, 255, 230



241, 162, 200



128, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



235, 241, 162



249, 255, 156



162, 241, 163



120, 120, 108



172, 184, 0



52, 56, 0

Inverse Universe

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



162, 188, 241



156, 188, 255



163, 162, 241



108, 112, 120



0, 60, 184



0, 18, 56

Previews

White Background



This preview shows how the RYB color 235, 241, 162 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 235, 241, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

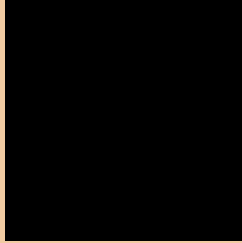
Any Text WCAG AA ✓ Pass

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 235, 241, 162 Background



This preview shows how black text looks on a background with the RYB color 235, 241, 162.



This preview shows how white text looks on a background with the RYB color 235, 241, 162.

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
235, 241, 162

Protanopia
183, 223, 165

Deuteranopia
246, 235, 162



Tritanopia
246, 196, 212

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 241, 162 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, 203, 162) looks like.

```
.text, #text, p{  
    color:rgb(241, 203, 162)  
}
```

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, 203, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 203, 162) }
```

Border

The CSS property to change the border of an element to RYB 235, 241, 162 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, 203, 162) }
```

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

```
.border{ border-color:rgb(241, 203, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 203, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 203, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 203, 162);  
box-shadow:4px 4px 4px 4px rgb(241, 203,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 235, 241, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 203, 162) }
```

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

```
.background{ background-color: rgb(241,  
203, 162) }
```

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