

Converting Colors

`RYB(185, 244, 182)`

Have a look what the booklet for
RYB(185, 244, 182) contains.

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Color

R_YB(185, 244, 182)

Conversions

Conversions Part 1

Format	Color
Hex	F4F1B6
RGB	244, 241, 182
RGB Percent	96%, 95%, 71%
CMY	0.0431, 0.0544, 0.2863
CMYK	0.00, 0.01, 0.25, 0.04
HSL	57°, 74%, 84%
HSV	57°, 25%, 96%
XYZ	77.2480, 85.6031, 56.7076
YIQ	235.1710, 20.7270, -17.7130

Conversions

Conversions Part 2

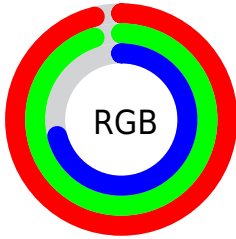
Format	Color
R_{YB}	185, 244, 182
Decimal	16052662
CIE _{Lab}	94.14, -8.14, 28.99
CIE _{LCh}	94, 30.110, 105.690
Yxy	85.6031, 0.3518, 0.3899
Android (android.graphics.Color)	4294242742 (0xFFFF4F1B6)
YUV	235.1710, -26.2133, 7.7430
Hunter-Lab	92.5219, -12.8809, 28.4259

Details

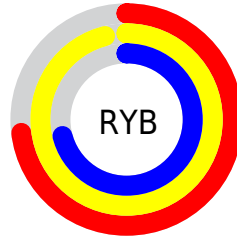
The RYB color **185, 244, 182** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **182, 185, 244**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **238, 255, 238**, and **131, 187, 129** is the 20% darker color. If you saturate the color by 10%, you get **162, 244, 158**, and if you desaturate by 10%, it is **208, 244, 206**.

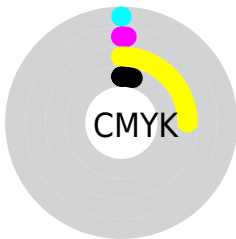
Distribution



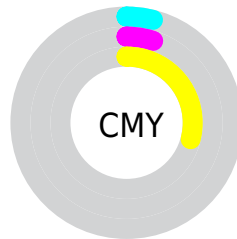
- Red (96%)
- Green (95%)
- Blue (71%)



- Red (73%)
- Yellow (96%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 244, 182 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 185, 244, 182 by changing the saturation by 10% instead.


 185, 244, 182

255, 255, 255


 238, 255, 238

 185, 244, 182

 157, 215, 155

 131, 187, 129

 105, 160, 103

 80, 133, 79

 55, 107, 55

 32, 83, 33

 9, 60, 11

 0, 38, 2

 0, 19, 17

185, 244, 182

185, 244, 182

162, 244, 158

208, 244, 206

138, 244, 133

232, 244, 231

115, 244, 109

244, 245, 255

91, 244, 84

244, 246, 255

68, 244, 60

244, 246, 255

47, 244, 36

244, 247, 255

23, 244, 11

244, 247, 255

12, 244, 0

244, 248, 255

244, 248, 255

Harmonies

Analogous

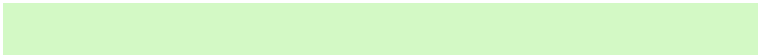
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216, 255, 182



185, 244, 182



197, 249, 235

Triad

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



185, 244, 182



158, 206, 255



255, 219, 253

Complementary

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



185, 244, 182



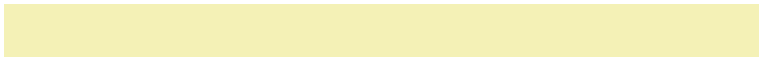
182, 185, 244

Split Complementary

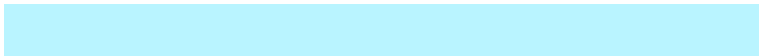
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 226, 255



185, 244, 182



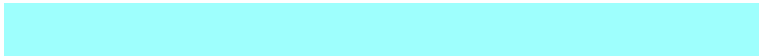
185, 217, 255

Square

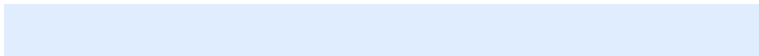
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



185, 244, 182



158, 207, 255



224, 233, 255



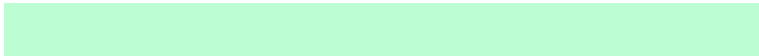
255, 218, 224

Rectangle

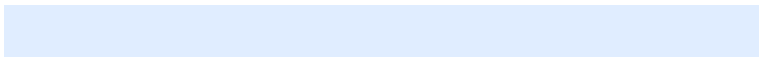
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185, 244, 182



189, 236, 253



224, 233, 255



255, 221, 255

Sweetspot

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



185, 244, 182



236, 255, 235



244, 182, 185



116, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

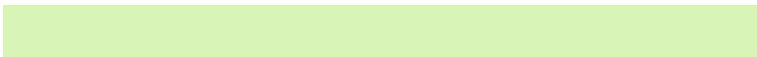
The Same Dimension uses a secret algorithm to generate beautiful new colors.



185, 244, 182



183, 255, 179



182, 244, 210



110, 122, 110



8, 186, 0



3, 59, 0

Inverse Universe

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



182, 185, 244



179, 182, 255



210, 182, 244



110, 111, 122



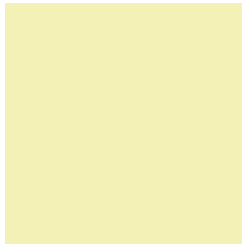
0, 9, 186



0, 3, 59

Previews

White Background



This preview shows how the RYB color 185, 244, 182 looks on a white background.

Color Contrast Check

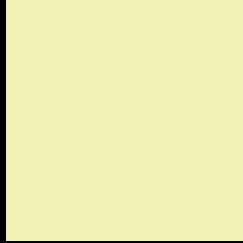
Large Text (above 18pt) WCAG AA × Fail

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 185, 244, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

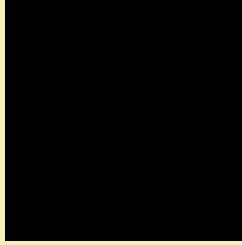
Any Text WCAG AA ✓ Pass

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 185, 244, 182 Background



This preview shows how black text looks on a background with the RYB color 185, 244, 182.

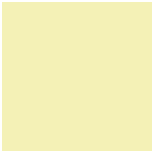

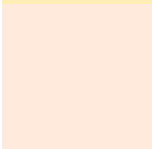


This preview shows how white text looks on a background with the RYB color 185, 244, 182.

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

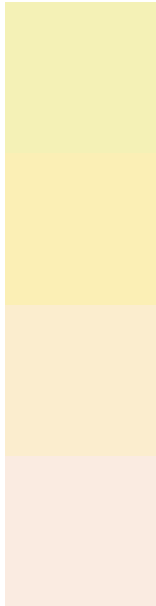
	Original Color 185, 244, 182
	Protanopia 202, 255, 180
	Deuteranopia 255, 245, 219



Tritanopia

253, 232, 250

Trichromacy



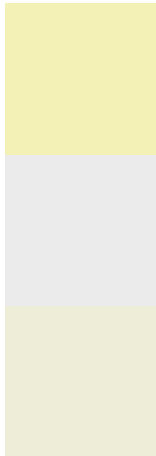
Original Color
185, 244, 182

Protanomaly
195, 251, 181

Deuteranomaly
226, 251, 206

Tritanomaly
250, 242, 225

Monochromacy



Original Color
185, 244, 182

Achromatopsia
235, 235, 235

Achromatomaly
217, 238, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 244, 182 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(244, 241, 182) looks like.

```
.text, #text, p{  
    color:rgb(244, 241, 182)  
}
```

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(244, 241, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 241, 182) }
```

Border

The CSS property to change the border of an element to RYB 185, 244, 182 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(244, 241, 182) }
```

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

```
.border{ border-color:rgb(244, 241, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 241, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 241, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 241, 182);  
box-shadow:4px 4px 4px 4px rgb(244, 241,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 185, 244, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 241, 182) }
```

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

```
.background{ background-color: rgb(244,  
241, 182) }
```

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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