

Converting Colors

`RYB(213, 255, 190)`

Have a look what the booklet for
RYB(213, 255, 190) contains.

RYB(213, 255, 190)	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(213, 255, 190)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEBE
RGB	255, 238, 190
RGB Percent	100%, 93%, 75%
CMY	0.0000, 0.0666, 0.2549
CMYK	0.00, 0.07, 0.25, 0.00
HSL	44°, 100%, 87%
HSV	44°, 25%, 100%
XYZ	81.1121, 86.1334, 61.0655
YIQ	237.6110, 25.5400, -11.3240

Conversions

Conversions Part 2

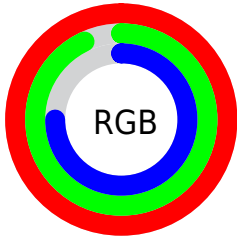
Format	Color
R_{YB}	213, 255, 190
Decimal	16772798
CIE _{Lab}	94.37, -1.47, 25.36
CIE _{LCh}	94, 25.401, 93.311
Yxy	86.1334, 0.3553, 0.3773
Android (android.graphics.Color)	4294962878 (0xFFFFEEBE)
YUV	237.6110, -23.4722, 15.2502
Hunter-Lab	92.8081, -6.4093, 25.9542

Details

The RYB color **213, 255, 190** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **190, 203, 255**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **246, 255, 246**, and **158, 198, 136** is the 20% darker color. If you saturate the color by 10%, you get **198, 255, 165**, and if you desaturate by 10%, it is **229, 255, 216**.

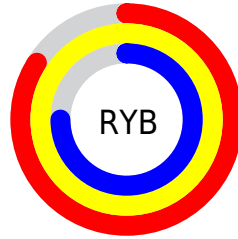
Distribution



Red (100%)

Green (93%)

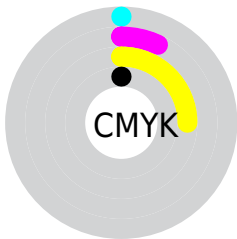
Blue (75%)



Red (84%)

Yellow (100%)

Blue (75%)

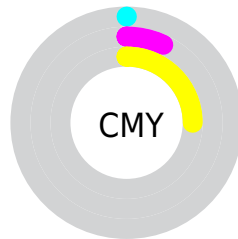


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 255, 190 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 213, 255, 190 by changing the saturation by 10% instead.

 213, 255, 190


255, 255, 255


 246, 255, 246

 213, 255, 190

 184, 226, 163

 158, 198, 136


 131, 170, 111

 105, 143, 86

 79, 117, 62

 54, 91, 40

 29, 67, 18

 11, 45, 0

 5, 19, 0

■ 213, 255, 190

■ 213, 255, 190

■ 198, 255, 165

■ 229, 255, 216

■ 179, 255, 139

■ 247, 255, 241

■ 164, 255, 114

255, 255, 255

■ 148, 255, 88

■ 131, 255, 63

■ 114, 255, 37

■ 99, 255, 12

■ 91, 255, 0

Harmonies

Analogous

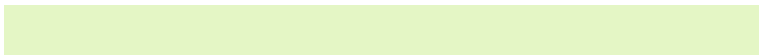
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 255, 196



213, 255, 190



197, 246, 215

Triad

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



213, 255, 190



172, 213, 255



255, 225, 255

Complementary

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



213, 255, 190



190, 203, 255

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.



247, 232, 255



213, 255, 190



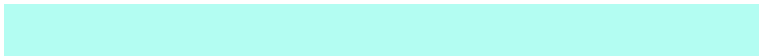
185, 218, 255

Square

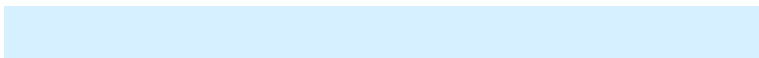
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213, 255, 190



179, 219, 253



214, 230, 255



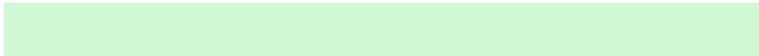
255, 222, 237

Rectangle

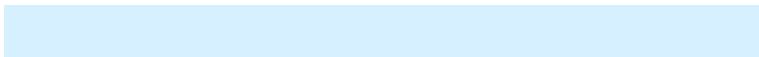
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213, 255, 190



209, 249, 249



214, 230, 255



255, 227, 255

Sweetspot

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



213, 255, 190



242, 255, 235



255, 190, 207



121, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

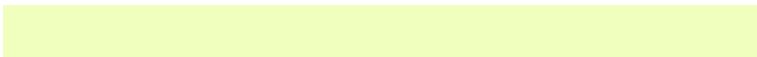
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213, 255, 190



205, 255, 176



190, 255, 205



121, 128, 115



68, 191, 0



23, 64, 0

Inverse Universe

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



190, 203, 255



176, 193, 255



205, 190, 255



115, 117, 128



0, 40, 191



0, 13, 64

Previews

White Background



This preview shows how the RYB color 213, 255, 190 looks on a white background.

Color Contrast Check

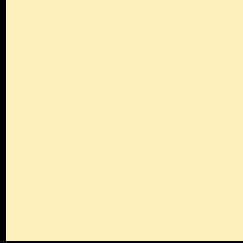
Large Text (above 18pt) WCAG AA × Fail

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 213, 255, 190 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 213, 255, 190 Background



This preview shows how black text looks on a background with the RYB color 213, 255, 190.



This preview shows how white text looks on a background with the RYB color 213, 255, 190.

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
213, 255, 190

Protanopia
211, 254, 190

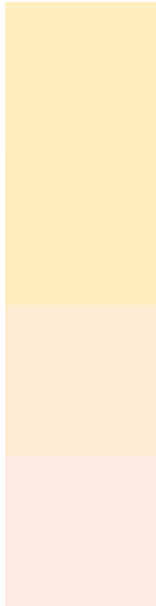
Deuteranopia
255, 243, 222



Tritanopia

255, 233, 245

Trichromacy



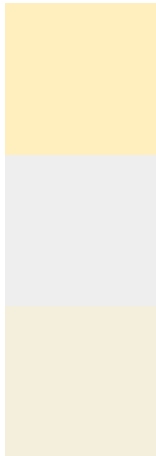
Original Color
213, 255, 190

Protanomaly
211, 254, 190

Deuteranomaly
243, 255, 210

Tritanomaly
255, 240, 225

Monochromacy



Original Color
213, 255, 190

Achromatopsia
238, 238, 238

Achromatomaly
229, 244, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 255, 190 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(255, 238, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 190)  
}
```

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(255, 238, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 190) }
```

Border

The CSS property to change the border of an element to RYB 213, 255, 190 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(255, 238, 190) }
```

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

```
.border{ border-color:rgb(255, 238, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 213, 255, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 190) }
```

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

```
.background{ background-color: rgb(255,  
238, 190) }
```

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