

Converting Colors

`RYB(191, 250, 190)`

Have a look what the booklet for
RYB(191, 250, 190) contains.

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Color

R_YB(191, 250, 190)

Conversions

Conversions Part 1

Format	Color
Hex	FAF9BE
RGB	250, 249, 190
RGB Percent	98%, 98%, 75%
CMY	0.0196, 0.0235, 0.2549
CMYK	0.00, 0.00, 0.24, 0.02
HSL	59°, 86%, 86%
HSV	59°, 24%, 98%
XYZ	82.5994, 91.8032, 62.0815
YIQ	242.5730, 19.5350, -18.1370

Conversions

Conversions Part 2

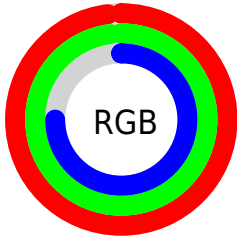
Format	Color
RYB	191, 250, 190
Decimal	16447934
CIELab	96.74, -8.80, 28.54
CIELCh	97, 29.863, 107.145
Yxy	91.8032, 0.3493, 0.3882
Android (android.graphics.Color)	4294638014 (0xFFFAF9BE)
YUV	242.5730, -25.9185, 6.5135
Hunter-Lab	95.8140, -13.7931, 28.6535

Details

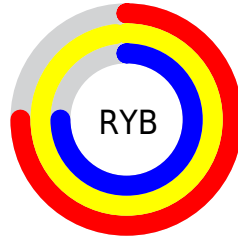
The RYB color **191, 250, 190** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **190, 191, 250**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **247, 255, 247**, and **136, 193, 136** is the 20% darker color. If you saturate the color by 10%, you get **166, 250, 165**, and if you desaturate by 10%, it is **216, 250, 215**.

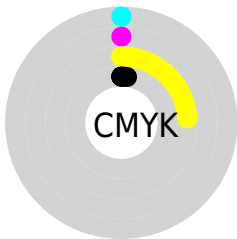
Distribution



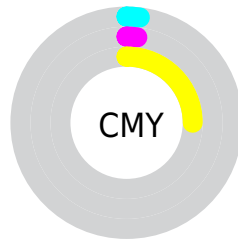
- Red (98%)
- Green (98%)
- Blue (75%)



- Red (75%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 250, 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 191, 250, 190 by changing the saturation by 10% instead.

 191, 250, 190


 191, 250, 190

255, 255, 255


 163, 221, 163

 247, 255, 247

 136, 193, 136

 111, 166, 112

 86, 139, 86

 62, 114, 63

 39, 89, 41

 16, 66, 19

 0, 44, 3

 0, 24, 10

 191, 250, 190

 191, 250, 190

 166, 250, 165

 216, 250, 215

 142, 250, 140

 240, 250, 240

 117, 250, 115

 250, 250, 255

 93, 250, 90

 250, 251, 255

 68, 250, 65

 250, 251, 255

 43, 250, 40

 250, 252, 255

 19, 250, 15

 4, 250, 0

Harmonies

Analogous

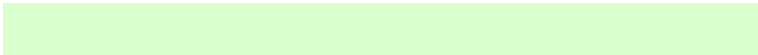
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211, 255, 190



191, 250, 190



205, 255, 243

Triad

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



191, 250, 190



168, 212, 255



255, 226, 255

Complementary

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



191, 250, 190



190, 191, 250

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, 233, 255



191, 250, 190



195, 224, 255

Square

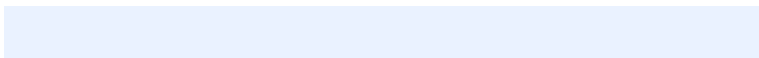
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



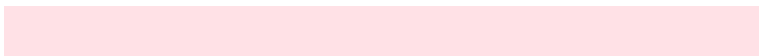
191, 250, 190



165, 210, 255



234, 240, 255



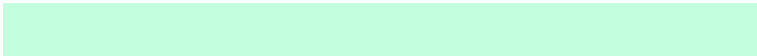
255, 225, 230

Rectangle

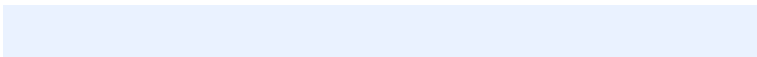
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



191, 250, 190



195, 236, 255



234, 240, 255



255, 228, 255

Sweetspot

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



191, 250, 190



237, 255, 237



250, 190, 191



118, 128, 117



0, 0, 0



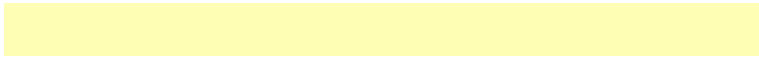
128, 128, 128

Same Dimension

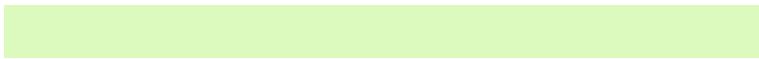
The Same Dimension uses a secret algorithm to generate beautiful new colors.



191, 250, 190



182, 255, 181



190, 250, 219



112, 125, 112



3, 189, 0



1, 61, 0

Inverse Universe

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



190, 191, 250



181, 182, 255



219, 190, 250



112, 113, 125



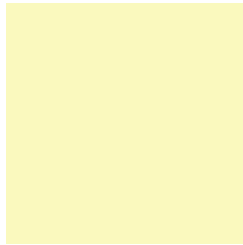
0, 3, 189



0, 1, 61

Previews

White Background



This preview shows how the RYB color 191, 250, 190 looks on a white background.

Color Contrast Check

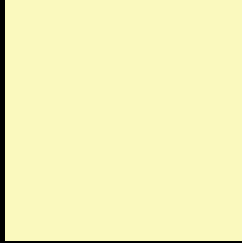
Large Text (above 18pt) WCAG AA × Fail

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 191, 250, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

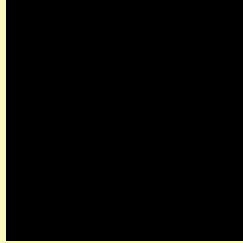
Any Text WCAG AA ✓ Pass

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 191, 250, 190 Background



This preview shows how black text looks on a background with the RYB color 191, 250, 190.

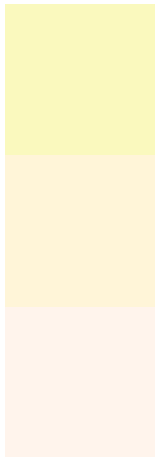


This preview shows how white text looks on a background with the RYB color 191, 250, 190.

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
191, 250, 190

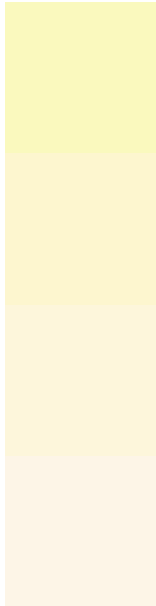
Protanopia
229, 255, 216

Deuteranopia
255, 250, 236



Tritanopia
255, 242, 255

Trichromacy



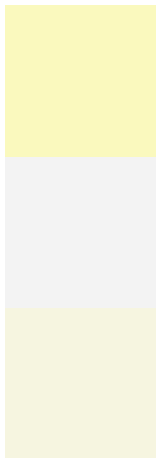
Original Color
191, 250, 190

Protanomaly
215, 253, 207

Deuteranomaly
228, 253, 219

Tritanomaly
244, 253, 231

Monochromacy



Original Color
191, 250, 190

Achromatopsia
243, 243, 243

Achromatomaly
225, 246, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 250, 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(250, 249, 190)` looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 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(250, 249, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 190) }
```

Border

The CSS property to change the border of an element to RYB 191, 250, 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(250, 249, 190) }
```

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

```
.border{ border-color:rgb(250, 249, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 249, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 190);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 191, 250, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 249, 190) }
```

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

```
.background{ background-color: rgb(250,  
249, 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](#).

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