

Converting Colors

`RYB(208, 249, 190)`

Have a look what the booklet for
RYB(208, 249, 190) contains.

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Color

R_YB(208, 249, 190)

Conversions

Conversions Part 1

Format	Color
Hex	F9EBBE
RGB	249, 235, 190
RGB Percent	98%, 92%, 75%
CMY	0.0235, 0.0776, 0.2549
CMYK	0.00, 0.06, 0.24, 0.02
HSL	46°, 83%, 86%
HSV	46°, 24%, 98%
XYZ	78.1290, 83.3932, 60.6938
YIQ	234.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

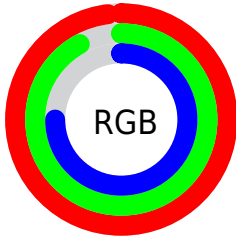
Format	Color
R _Y B	208, 249, 190
Decimal	16378814
CIE Lab	93.19, -2.25, 23.65
CIE LCh	93, 23.761, 95.445
Yxy	83.3932, 0.3516, 0.3753
Android (android.graphics.Color)	4294568894 (0xFFF9EBBE)
YUV	234.0560, -21.7196, 13.1059
Hunter-Lab	91.3199, -7.0934, 24.5180

Details

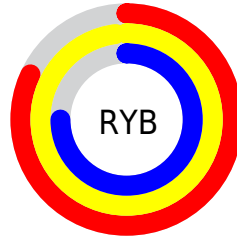
The RYB color **208, 249, 190** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **190, 201, 249**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **246, 255, 246**, and **153, 192, 136** is the 20% darker color. If you saturate the color by 10%, you get **191, 249, 165**, and if you desaturate by 10%, it is **225, 249, 215**.

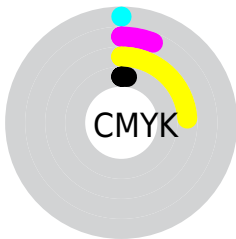
Distribution



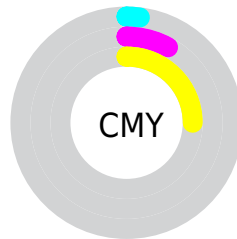
- Red (98%)
- Green (92%)
- Blue (75%)



- Red (82%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 249, 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 208, 249, 190 by changing the saturation by 10% instead.


 208, 249, 190


255, 255, 255


 246, 255, 246

 208, 249, 190


 180, 220, 163

 151, 192, 136

 126, 165, 111

 100, 138, 86

 76, 112, 63

 51, 87, 40

 28, 63, 18

 8, 41, 0

 0, 13, 1

208, 249, 190

208, 249, 190

191, 249, 165

225, 249, 215

172, 249, 140

243, 249, 240

155, 249, 115

249, 251, 255

138, 249, 90

249, 252, 255

121, 249, 65

105, 249, 41

88, 249, 16

76, 249, 0

Harmonies

Analogous

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



242, 255, 194



208, 249, 190



198, 242, 217

Triad

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



208, 249, 190



174, 212, 255



255, 222, 255

Complementary

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



208, 249, 190



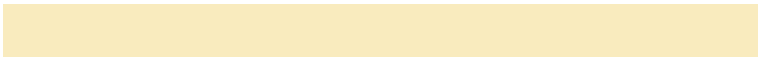
190, 201, 249

Split Complementary

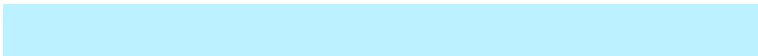
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245, 228, 255



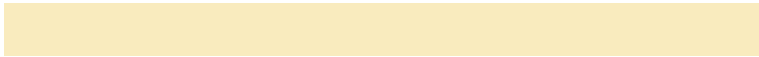
208, 249, 190



188, 218, 255

Square

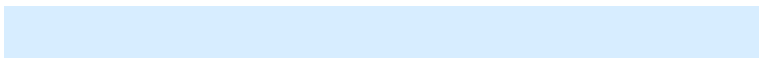
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208, 249, 190



179, 217, 249



215, 229, 255



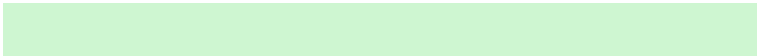
255, 219, 232

Rectangle

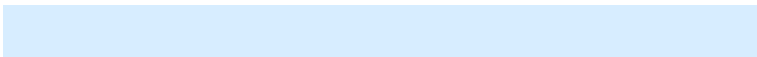
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208, 249, 190



206, 243, 246



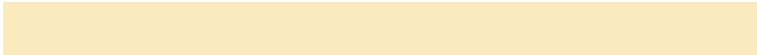
215, 229, 255



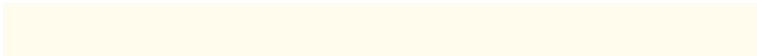
255, 224, 255

Sweetspot

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



208, 249, 190



242, 255, 237



249, 190, 205



121, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



208, 249, 190



206, 255, 184



190, 249, 205



116, 125, 112



57, 189, 0



18, 61, 0

Inverse Universe

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



190, 201, 249



184, 197, 255



205, 190, 249



112, 114, 125



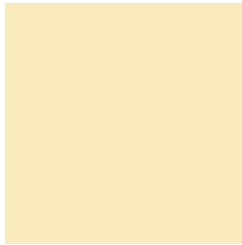
0, 36, 189



0, 11, 61

Previews

White Background



This preview shows how the RYB color 208, 249, 190 looks on a white background.

Color Contrast Check

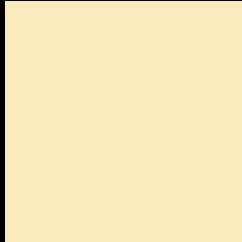
Large Text (above 18pt) WCAG AA × Fail

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 208, 249, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

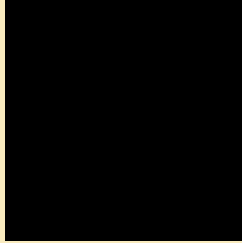
Any Text WCAG AA ✓ Pass

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 208, 249, 190 Background



This preview shows how black text looks on a background with the RYB color 208, 249, 190.



This preview shows how white text looks on a background with the RYB color 208, 249, 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
208, 249, 190

Protanopia
210, 250, 190

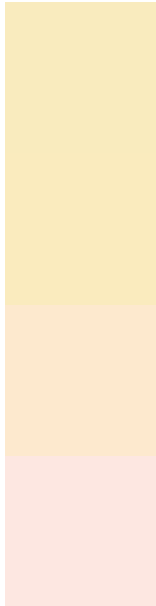
Deuteranopia
255, 242, 215



Tritanopia

255, 228, 245

Trichromacy



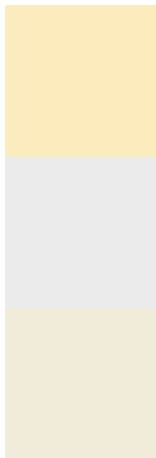
Original Color
208, 249, 190

Protanomaly
210, 250, 190

Deuteranomaly
241, 253, 206

Tritanomaly
253, 233, 225

Monochromacy



Original Color
208, 249, 190

Achromatopsia
234, 234, 234

Achromatomaly
225, 239, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 249, 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(249, 235, 190) looks like.

```
.text, #text, p{  
    color:rgb(249, 235, 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(249, 235, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 235, 190) }
```

Border

The CSS property to change the border of an element to RYB 208, 249, 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(249, 235, 190) }
```

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

```
.border{ border-color:rgb(249, 235, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 235, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 235, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 235, 190);  
box-shadow:4px 4px 4px 4px rgb(249, 235,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 208, 249, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 235, 190) }
```

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

```
.background{ background-color: rgb(249,  
235, 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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