

Converting Colors

`RYB(200, 246, 200)`

Have a look what the booklet for
RYB(200, 246, 200) contains.

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Color

R_YB(200, 246, 200)

Conversions

Conversions Part 1

Format	Color
Hex	F6F6C8
RGB	246, 246, 200
RGB Percent	96%, 96%, 78%
CMY	0.0353, 0.0353, 0.2157
CMYK	0.00, 0.00, 0.19, 0.04
HSL	60°, 72%, 87%
HSV	60°, 19%, 96%
XYZ	81.3871, 89.6745, 67.6629
YIQ	240.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

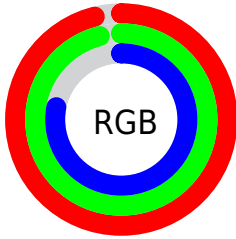
Format	Color
R_{YB}	200, 246, 200
Decimal	16185032
CIE _{Lab}	95.86, -7.36, 22.19
CIE _{LCh}	96, 23.383, 108.356
Yxy	89.6745, 0.3409, 0.3756
Android (android.graphics.Color)	4294375112 (0xFFFF6F6C8)
YUV	240.7560, -20.0927, 4.5990
Hunter-Lab	94.6966, -12.3070, 23.9236

Details

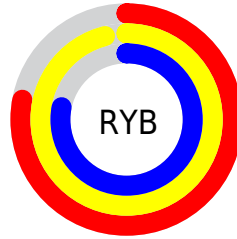
The RYB color **200, 246, 200** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **200, 200, 246**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **146, 190, 147** is the 20% darker color. If you saturate the color by 10%, you get **175, 246, 175**, and if you desaturate by 10%, it is **225, 246, 225**.

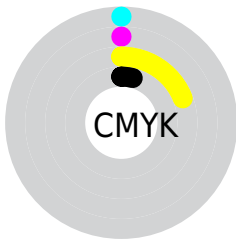
Distribution



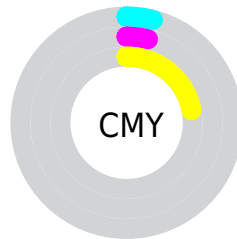
- Red (96%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 246, 200 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 200, 246, 200 by changing the saturation by 10% instead.

200, 246, 200

255, 255, 255

200, 246, 200

173, 218, 174

146, 190, 147

120, 163, 121

95, 137, 96

71, 111, 72

48, 87, 50

26, 64, 29

2, 42, 5

0, 22, 9

 200, 246, 200

 200, 246, 200

 175, 246, 175

 225, 246, 225

 151, 246, 151

 246, 246, 249

 126, 246, 126

 246, 246, 255

 102, 246, 102

 77, 246, 77

 52, 246, 52

 28, 246, 28

 3, 246, 3

 0, 246, 0

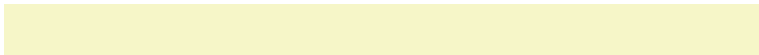
Harmonies

Analogous

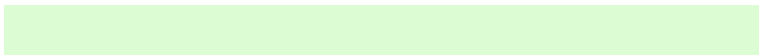
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221, 255, 199



200, 246, 200



212, 252, 244

Triad

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



200, 246, 200



186, 220, 255



255, 228, 253

Complementary

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



200, 246, 200



200, 200, 246

Split Complementary

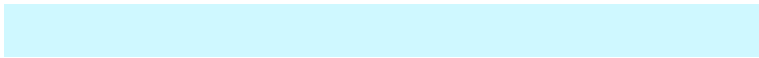
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 233, 255



200, 246, 200



207, 229, 255

Square

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



200, 246, 200



183, 219, 255



236, 239, 255



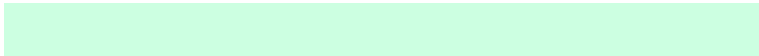
255, 228, 230

Rectangle

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



200, 246, 200



204, 240, 255



236, 239, 255



255, 229, 255

Sweetspot

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



200, 246, 200



240, 255, 240



246, 200, 200



119, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



200, 246, 200



199, 255, 199



200, 246, 223



110, 122, 110



0, 186, 0



0, 59, 0

Inverse Universe

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



200, 200, 246



199, 199, 255



223, 200, 246



110, 110, 122



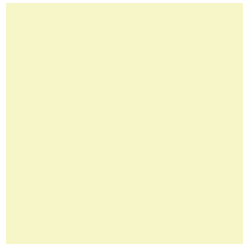
0, 0, 186



0, 0, 59

Previews

White Background



This preview shows how the RYB color 200, 246, 200 looks on a white background.

Color Contrast Check

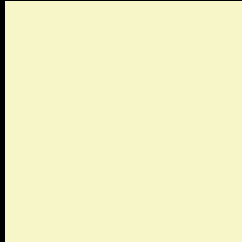
Large Text (above 18pt) WCAG AA × Fail

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 200, 246, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

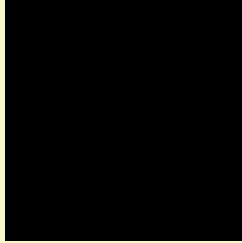
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

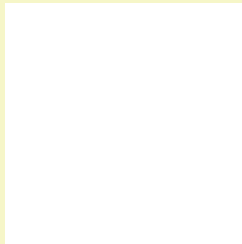
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 200, 246, 200 Background



This preview shows how black text looks on a background with the RYB color 200, 246, 200.

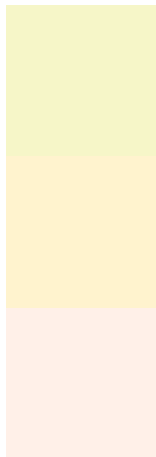


This preview shows how white text looks on a background with the RYB color 200, 246, 200.

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
200, 246, 200

Protanopia
222, 255, 206

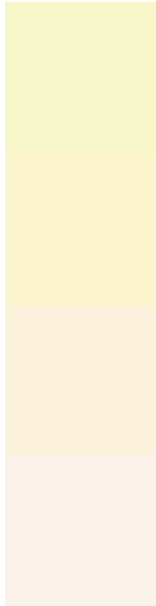
Deuteranopia
255, 244, 232



Tritanopia

252, 239, 255

Trichromacy



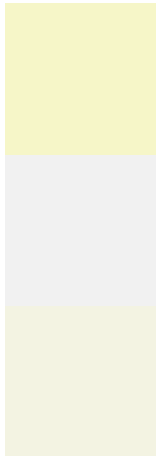
Original Color
200, 246, 200

Protanomaly
214, 252, 204

Deuteranomaly
235, 252, 220

Tritanomaly
250, 248, 235

Monochromacy



Original Color
200, 246, 200

Achromatopsia
241, 241, 241

Achromatomaly
226, 243, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 246, 200 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(246, 246, 200)` looks like.

```
.text, #text, p{  
    color:rgb(246, 246, 200)  
}
```

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(246, 246, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 246, 200) }
```

Border

The CSS property to change the border of an element to RYB 200, 246, 200 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(246, 246, 200) }
```

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

```
.border{ border-color:rgb(246, 246, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 246, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 246, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 246, 200);  
box-shadow:4px 4px 4px 4px rgb(246, 246,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 200, 246, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 246, 200) }
```

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

```
.background{ background-color: rgb(246,  
246, 200) }
```

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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