

Converting Colors

`RYB(215, 244, 216)`

Have a look what the booklet for
RYB(215, 244, 216) contains.

RYB(215, 244, 216)	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(215, 244, 216)

Conversions

Conversions Part 1

Format	Color
Hex	F3F4D7
RGB	243, 244, 215
RGB Percent	95%, 96%, 84%
CMY	0.0471, 0.0431, 0.1569
CMYK	0.00, 0.00, 0.12, 0.04
HSL	62°, 57%, 90%
HSV	62°, 12%, 96%
XYZ	81.5786, 88.6624, 77.1039
YIQ	240.3950, 8.7130, -9.2310

Conversions

Conversions Part 2

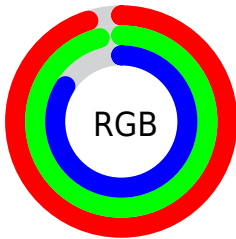
Format	Color
R_{YB}	215, 244, 216
Decimal	15987927
CIE _{Lab}	95.44, -5.17, 13.87
CIE _{LCh}	95, 14.803, 110.445
Yxy	88.6624, 0.3298, 0.3585
Android (android.graphics.Color)	4294178007 (0xFFFF3F4D7)
YUV	240.3950, -12.5197, 2.2846
Hunter-Lab	94.1607, -10.1331, 17.3626

Details

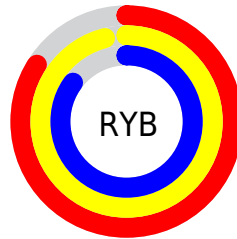
The RYB color **215, 244, 216** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **216, 215, 244**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is 255, 255, 255, and **160, 188, 161** is the 20% darker color. If you saturate the color by 10%, you get **191, 244, 193**, and if you desaturate by 10%, it is **239, 244, 239**.

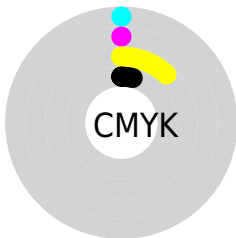
Distribution



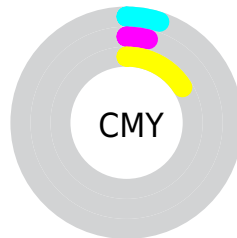
- Red (95%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 244, 216 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 215, 244, 216 by changing the saturation by 10% instead.

■ 215, 244, 216

255, 255, 255

■ 215, 244, 216

■ 187, 216, 188

■ 160, 188, 161

■ 134, 161, 135

■ 109, 135, 111

■ 84, 109, 85

■ 61, 85, 62

■ 39, 62, 41

■ 19, 40, 21

■ 0, 20, 4

 215, 244, 216

 215, 244, 216

 191, 244, 193

 239, 244, 239

 166, 244, 169

 245, 244, 255

 142, 244, 146

 246, 244, 255

 117, 244, 121

 247, 244, 255

 93, 244, 98

 248, 244, 255

 69, 244, 75

 249, 244, 255

 44, 244, 51

 250, 244, 255

 20, 244, 28

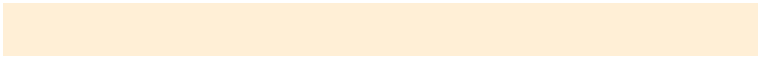
 251, 244, 255

 0, 244, 8

Harmonies

Analogous

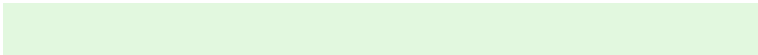
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 255, 214



215, 244, 216



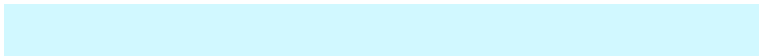
223, 248, 245

Triad

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



215, 244, 216



209, 230, 255



255, 233, 247

Complementary

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



215, 244, 216



216, 215, 244

Split Complementary

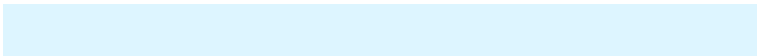
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 235, 255



215, 244, 216



221, 235, 255

Square

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



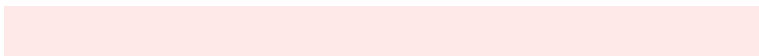
215, 244, 216



206, 228, 251



239, 240, 255



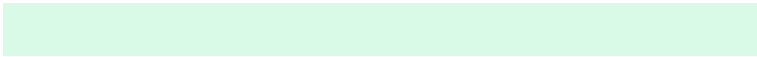
255, 232, 232

Rectangle

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



215, 244, 216



217, 240, 250



239, 240, 255



255, 233, 252

Sweetspot

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



215, 244, 216



245, 255, 245



244, 216, 215



121, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

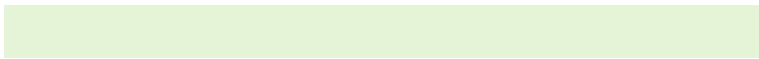
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215, 244, 216



219, 255, 220



215, 244, 230



110, 122, 110



0, 186, 6



0, 59, 2

Inverse Universe

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



216, 215, 244



221, 219, 255



230, 215, 244



111, 110, 122



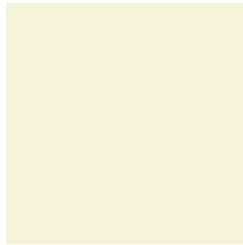
6, 0, 186



2, 0, 59

Previews

White Background



This preview shows how the RYB color 215, 244, 216 looks on a white background.

Color Contrast Check

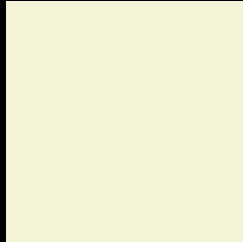
Large Text (above 18pt) WCAG AA × Fail

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 215, 244, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

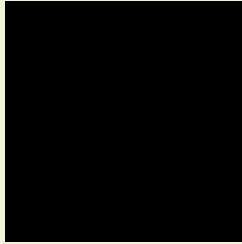
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

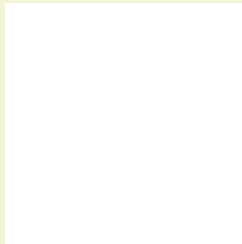
Any Text WCAG AAA ✓ Pass

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

RYB 215, 244, 216 Background



This preview shows how black text looks on a background with the RYB color 215, 244, 216.

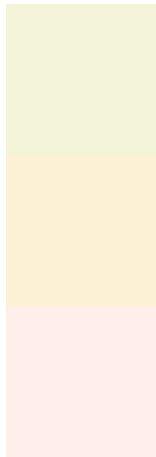


This preview shows how white text looks on a background with the RYB color 215, 244, 216.

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
215, 244, 216

Protanopia
230, 253, 213

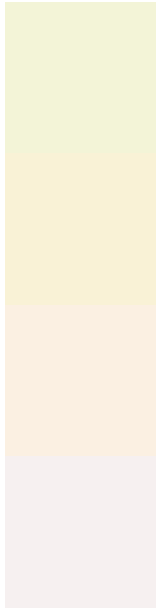
Deuteranopia
255, 239, 233



Tritanopia

248, 238, 255

Trichromacy



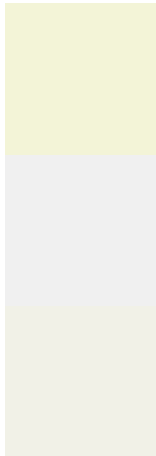
Original Color
215, 244, 216

Protanomaly
223, 249, 214

Deuteranomaly
246, 251, 226

Tritanomaly
246, 240, 240

Monochromacy



Original Color
215, 244, 216

Achromatopsia
240, 240, 240

Achromatomaly
231, 241, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 244, 216 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(243, 244, 215) looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 215)  
}
```

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(243, 244, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 215) }
```

Border

The CSS property to change the border of an element to RYB 215, 244, 216 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(243, 244, 215) }
```

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

```
.border{ border-color:rgb(243, 244, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 244, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 215);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 215, 244, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 215) }
```

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

```
.background{ background-color: rgb(243,  
244, 215) }
```

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