

Converting Colors

`RYB(216, 249, 222)`

Have a look what the booklet for
RYB(216, 249, 222) contains.

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Color

R_YB(216, 249, 222)

Conversions

Conversions Part 1

Format	Color
Hex	F3F9D8
RGB	243, 249, 216
RGB Percent	95%, 98%, 85%
CMY	0.0471, 0.0235, 0.1529
CMYK	0.02, 0.00, 0.13, 0.02
HSL	71°, 73%, 91%
HSV	71°, 13%, 98%
XYZ	83.2325, 91.7639, 78.2911
YIQ	243.4440, 7.0170, -11.5350

Conversions

Conversions Part 2

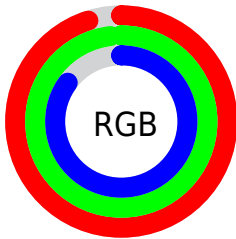
Format	Color
R _Y B	216, 249, 222
Decimal	15989208
CIE Lab	96.72, -7.52, 15.17
CIE LCh	97, 16.935, 116.355
Yxy	91.7639, 0.3286, 0.3623
Android (android.graphics.Color)	4294179288 (0xFFFF3F9D8)
YUV	243.4440, -13.5299, -0.3894
Hunter-Lab	95.7935, -12.5445, 18.5983

Details

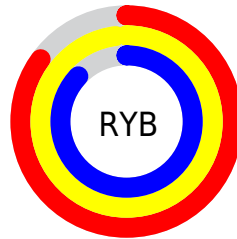
The RYB color **216, 249, 222** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **222, 216, 249**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 193, 167** is the 20% darker color. If you saturate the color by 10%, you get **191, 249, 202**, and if you desaturate by 10%, it is **241, 249, 242**.

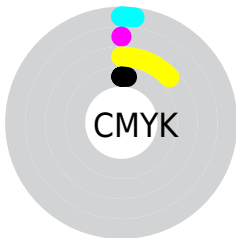
Distribution



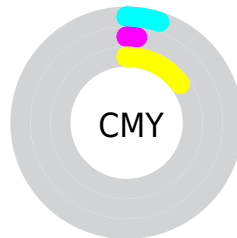
- Red (95%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 249, 222 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 216, 249, 222 by changing the saturation by 10% instead.

216, 249, 222

255, 255, 255

216, 249, 222

188, 220, 193

161, 193, 167

135, 165, 140

110, 139, 116

85, 114, 91

62, 89, 67

40, 66, 46


19, 44, 25

0, 24, 7

 216, 249, 222

 216, 249, 222

 191, 249, 202

 241, 249, 242

 166, 249, 181

 252, 249, 255

 141, 249, 161

 255, 249, 255

 116, 249, 140

 92, 249, 121

 67, 249, 100

 42, 249, 80

 17, 249, 59

 0, 249, 45

Harmonies

Analogous

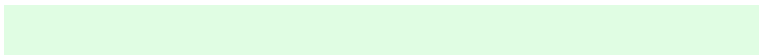
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 255, 213



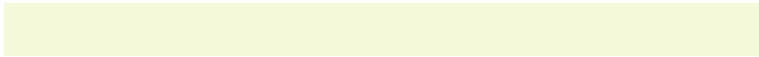
216, 249, 222



224, 250, 253

Triad

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



216, 249, 222



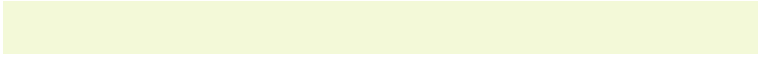
209, 231, 255



255, 235, 248

Complementary

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



216, 249, 222



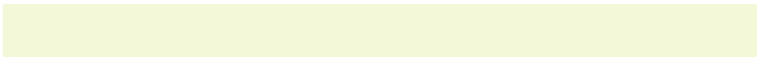
222, 216, 249

Split Complementary

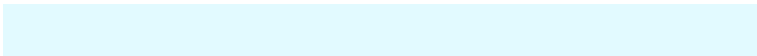
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 237, 255



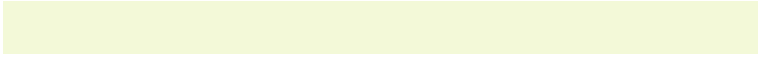
216, 249, 222



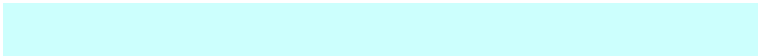
226, 239, 255

Square

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



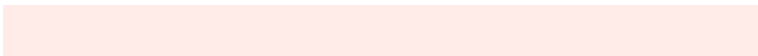
216, 249, 222



204, 230, 255



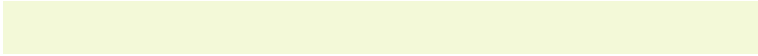
246, 242, 255



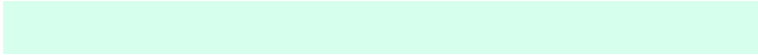
255, 235, 232

Rectangle

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



216, 249, 222



214, 240, 255



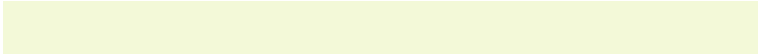
246, 242, 255



255, 235, 254

Sweetspot

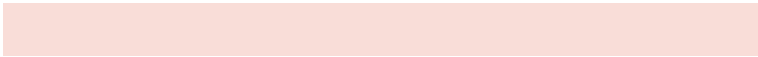
The Sweet Spot groups the original color and five complimentary colors.



216, 249, 222



245, 255, 247



249, 222, 216



121, 128, 123



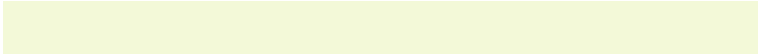
0, 0, 0



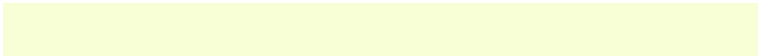
128, 128, 128

Same Dimension

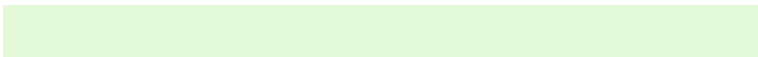
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216, 249, 222



214, 255, 221



216, 249, 238



112, 125, 114



0, 189, 35



0, 61, 11

Inverse Universe

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



222, 216, 249



222, 214, 255



238, 216, 249



115, 112, 125



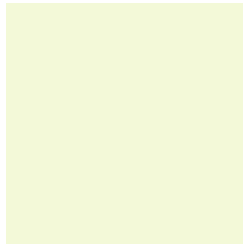
34, 0, 189



11, 0, 61

Previews

White Background



This preview shows how the RYB color 216, 249, 222 looks on a white background.

Color Contrast Check

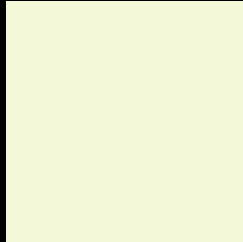
Large Text (above 18pt) WCAG AA × Fail

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 216, 249, 222 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

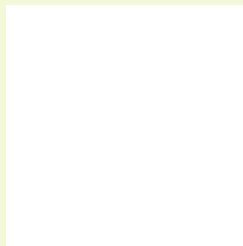
Any Text WCAG AAA ✓ Pass

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

RYP 216, 249, 222 Background



This preview shows how black text looks on a background with the RYP color 216, 249, 222.

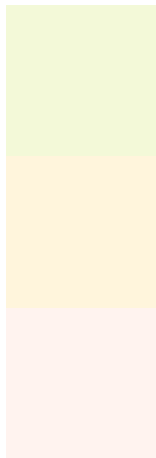


This preview shows how white text looks on a background with the RYP color 216, 249, 222.

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
216, 249, 222

Protanopia
234, 255, 220

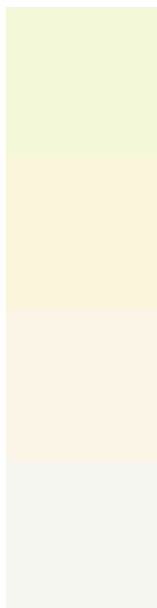
Deuteranopia
255, 244, 239



Tritanopia

248, 244, 255

Trichromacy



Original Color

216, 249, 222

Protanomaly

225, 251, 219

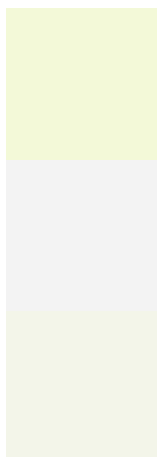
Deuteranomaly

240, 251, 231

Tritanomaly

241, 246, 241

Monochromacy



Original Color

216, 249, 222

Achromatopsia

243, 243, 243

Achromatomaly

233, 245, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 249, 222 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, 249, 216) looks like.

```
.text, #text, p{  
    color:rgb(243, 249, 216)  
}
```

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, 249, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 249, 216) }
```

Border

The CSS property to change the border of an element to RYB 216, 249, 222 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, 249, 216) }
```

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

```
.border{ border-color:rgb(243, 249, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 249, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 249, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 249, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 249,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 216, 249, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 249, 216) }
```

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

```
.background{ background-color: rgb(243,  
249, 216) }
```

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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