

Converting Colors

`RYB(222, 252, 215)`

Have a look what the booklet for
RYB(222, 252, 215) contains.

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Color

R_YB(222, 252, 215)

Conversions

Conversions Part 1

Format	Color
Hex	FCF6D7
RGB	252, 246, 215
RGB Percent	99%, 96%, 84%
CMY	0.0118, 0.0348, 0.1569
CMYK	0.00, 0.02, 0.15, 0.01
HSL	50°, 86%, 92%
HSV	50°, 15%, 99%
XYZ	85.4010, 91.5824, 77.4660
YIQ	244.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

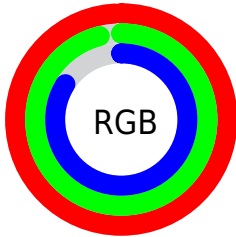
Format	Color
R_{YB}	222, 252, 215
Decimal	16578263
CIE _{Lab}	96.65, -3.08, 15.68
CIE _{LCh}	97, 15.978, 101.110
Yxy	91.5824, 0.3356, 0.3599
Android (android.graphics.Color)	4294768343 (0xFFFCF6D7)
YUV	244.2600, -14.4252, 6.7880
Hunter-Lab	95.6987, -8.1804, 18.9951

Details

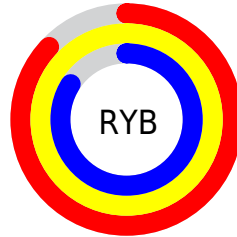
The RYB color **222, 252, 215** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **215, 220, 252**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 195, 160** is the 20% darker color. If you saturate the color by 10%, you get **202, 252, 190**, and if you desaturate by 10%, it is **242, 252, 240**.

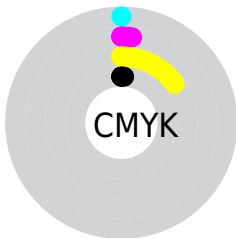
Distribution



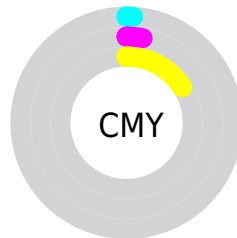
- Red (99%)
- Green (96%)
- Blue (84%)



- Red (87%)
- Yellow (99%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 252, 215 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 222, 252, 215 by changing the saturation by 10% instead.


 222, 252, 215

255, 255, 255


 222, 252, 215

 193, 223, 187

 166, 195, 160

 140, 168, 134

 114, 141, 109

 90, 116, 84

 66, 91, 61

 42, 67, 39

 20, 44, 18

 3, 24, 0

222, 252, 215

222, 252, 215

202, 252, 190

242, 252, 240

182, 252, 165

252, 253, 255

160, 252, 139

252, 254, 255

140, 252, 114

120, 252, 89

100, 252, 64

79, 252, 39

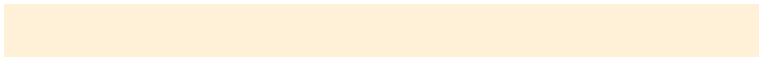
58, 252, 13

48, 252, 0

Harmonies

Analogous

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



238, 255, 216



222, 252, 215



222, 251, 239

Triad

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



222, 252, 215



207, 230, 255



255, 236, 255

Complementary

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



222, 252, 215



215, 220, 252

Split Complementary

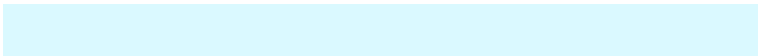
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 240, 255



222, 252, 215



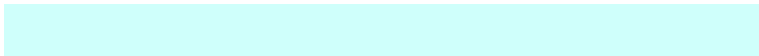
218, 235, 255

Square

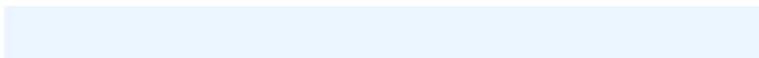
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222, 252, 215



207, 232, 255



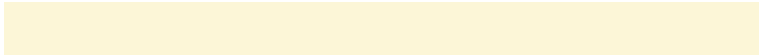
236, 242, 255



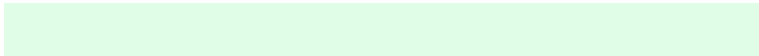
255, 235, 240

Rectangle

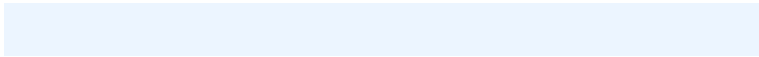
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222, 252, 215



223, 247, 253



236, 242, 255



255, 237, 255

Sweetspot

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



222, 252, 215



248, 255, 245



252, 215, 221



124, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

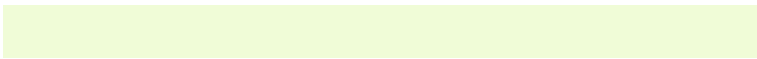
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222, 252, 215



217, 255, 209



215, 252, 227



114, 125, 112



36, 189, 0



12, 61, 0

Inverse Universe

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



215, 220, 252



209, 215, 255



227, 215, 252



112, 114, 125



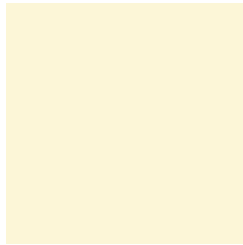
0, 26, 189



0, 9, 61

Previews

White Background



This preview shows how the RYB color 222, 252, 215 looks on a white background.

Color Contrast Check

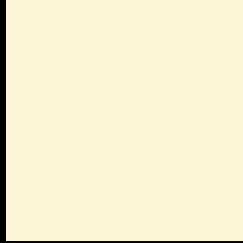
Large Text (above 18pt) WCAG AA × Fail

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 222, 252, 215 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 222, 252, 215 Background



This preview shows how black text looks on a background with the RYB color 222, 252, 215.

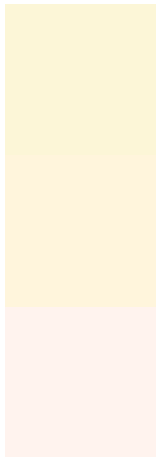


This preview shows how white text looks on a background with the RYB color 222, 252, 215.

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
222, 252, 215

Protanopia
234, 255, 220

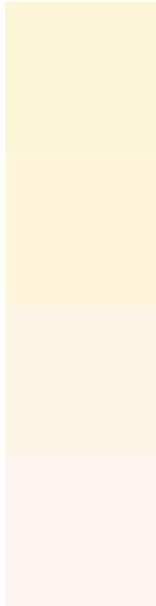
Deuteranopia
255, 245, 238



Tritanopia

254, 241, 255

Trichromacy



Original Color

222, 252, 215

Protanomaly

230, 254, 218

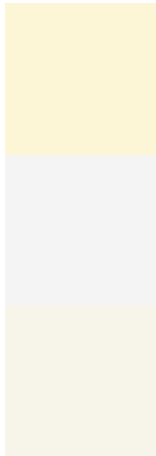
Deuteranomaly

247, 254, 230

Tritanomaly

253, 244, 240

Monochromacy



Original Color

222, 252, 215

Achromatopsia

244, 244, 244

Achromatomaly

235, 247, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 252, 215 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(252, 246, 215)` looks like.

```
.text, #text, p{  
    color:rgb(252, 246, 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(252, 246, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 246, 215) }
```

Border

The CSS property to change the border of an element to RYB 222, 252, 215 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(252, 246, 215) }
```

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

```
.border{ border-color:rgb(252, 246, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 246, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 246, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 246, 215); box-shadow:4px 4px 4px 4px rgb(252, 246, 215) }
```

Background

The CSS property to change the background color of an element to RYB 222, 252, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 246, 215) }
```

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

```
.background{ background-color: rgb(252,  
246, 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](#).

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