

Converting Colors

`RYB(234, 252, 225)`

Have a look what the booklet for
RYB(234, 252, 225) contains.

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Color

R_YB(234, 252, 225)

Conversions

Conversions Part 1

Format	Color
Hex	FCF5E1
RGB	252, 245, 225
RGB Percent	99%, 96%, 88%
CMY	0.0118, 0.0382, 0.1176
CMYK	0.00, 0.03, 0.11, 0.01
HSL	45°, 82%, 94%
HSV	45°, 11%, 99%
XYZ	86.4636, 91.5879, 84.3553
YIQ	244.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

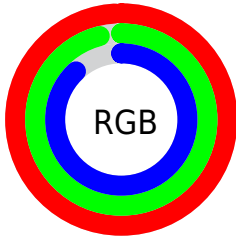
Format	Color
R_{YB}	234, 252, 225
Decimal	16578017
CIE Lab	96.65, -1.10, 10.54
CIE LCh	97, 10.596, 95.935
Yxy	91.5879, 0.3295, 0.3490
Android (android.graphics.Color)	4294768097 (0xFFFCF5E1)
YUV	244.8130, -9.7678, 6.3030
Hunter-Lab	95.7016, -6.2081, 14.7305

Details

The RYB color **234, 252, 225** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **225, 231, 252**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 195, 170** is the 20% darker color. If you saturate the color by 10%, you get **217, 252, 200**, and if you desaturate by 10%, it is **250, 252, 250**.

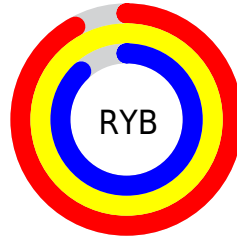
Distribution



Red (99%)

Green (96%)

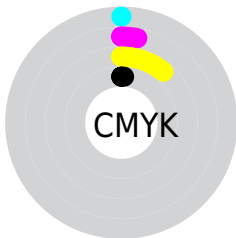
Blue (88%)



Red (92%)

Yellow (99%)

Blue (88%)

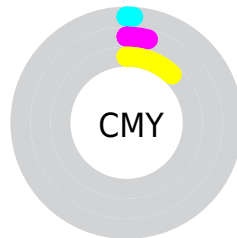


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (1%)



Cyan (1%)

Magenta (4%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 252, 225 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 234, 252, 225 by changing the saturation by 10% instead.


 234, 252, 225

255, 255, 255


 234, 252, 225

 205, 223, 197

 178, 195, 170


 151, 168, 143

 126, 142, 118

 101, 116, 93

 75, 91, 69

 54, 68, 47

 31, 45, 26

 6, 26, 0

234, 252, 225

234, 252, 225

217, 252, 200

250, 252, 250

200, 252, 175

252, 254, 255

184, 252, 149

167, 252, 124

150, 252, 99

134, 252, 74

117, 252, 49

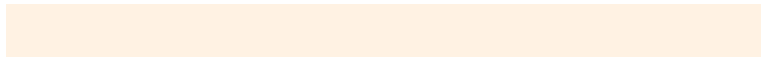
99, 252, 23

84, 252, 0

Harmonies

Analogous

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



251, 255, 227



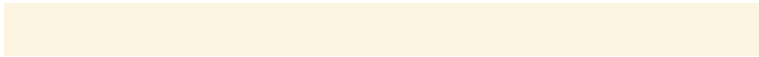
234, 252, 225



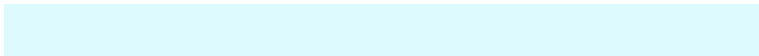
229, 248, 237

Triad

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



234, 252, 225



221, 237, 255



255, 240, 254

Complementary

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



234, 252, 225



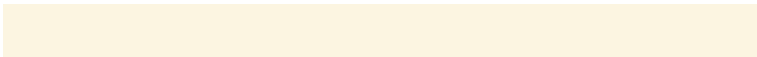
225, 231, 252

Split Complementary

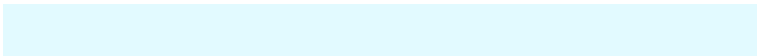
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250, 242, 255



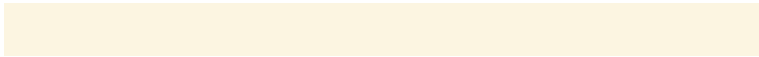
234, 252, 225



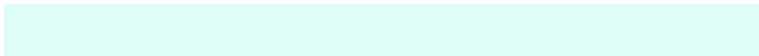
226, 239, 255

Square

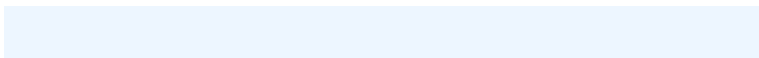
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 252, 225



222, 238, 252



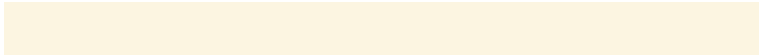
237, 243, 255



255, 239, 244

Rectangle

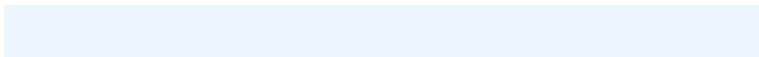
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234, 252, 225



232, 248, 250



237, 243, 255



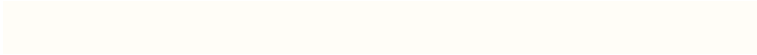
255, 240, 255

Sweetspot

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



234, 252, 225



250, 255, 247



252, 225, 232



125, 128, 122



0, 0, 0



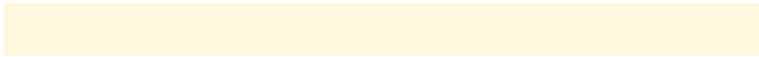
128, 128, 128

Same Dimension

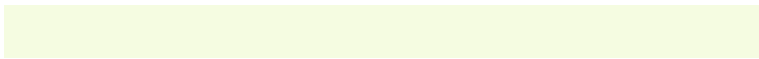
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234, 252, 225



233, 255, 222



225, 252, 232



116, 125, 112



63, 189, 0



20, 61, 0

Inverse Universe

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



225, 231, 252



222, 228, 255



232, 225, 252



112, 115, 125



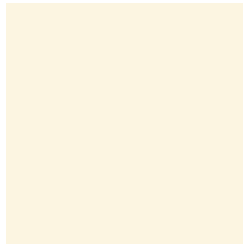
0, 38, 189



0, 12, 61

Previews

White Background



This preview shows how the RYB color 234, 252, 225 looks on a white background.

Color Contrast Check

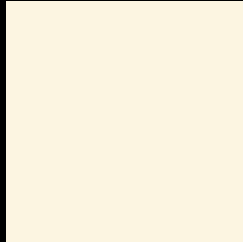
Large Text (above 18pt) WCAG AA × Fail

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 234, 252, 225 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 234, 252, 225 Background



This preview shows how black text looks on a background with the RYB color 234, 252, 225.

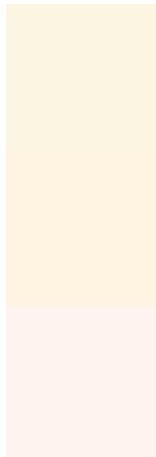


This preview shows how white text looks on a background with the RYB color 234, 252, 225.

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
234, 252, 225

Protanopia
242, 255, 225

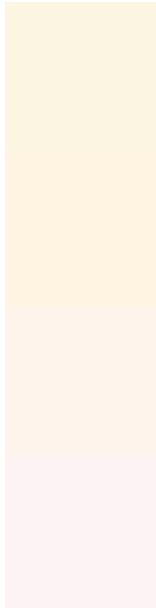
Deuteranopia
255, 244, 240



Tritanopia

253, 242, 255

Trichromacy



Original Color

234, 252, 225

Protanomaly

240, 254, 225

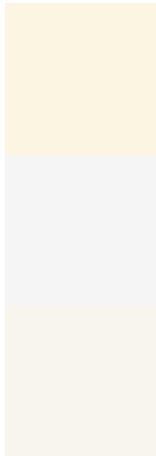
Deuteranomaly

254, 252, 235

Tritanomaly

253, 243, 244

Monochromacy



Original Color

234, 252, 225

Achromatopsia

245, 245, 245

Achromatomaly

242, 248, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 252, 225 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, 245, 225) looks like.

```
.text, #text, p{  
    color:rgb(252, 245, 225)  
}
```

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, 245, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 245, 225) }
```

Border

The CSS property to change the border of an element to RYB 234, 252, 225 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, 245, 225) }
```

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

```
.border{ border-color:rgb(252, 245, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 245, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 245, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 245, 225);  
box-shadow:4px 4px 4px 4px rgb(252, 245,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 255, 255, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 255) }
```

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

```
.background{ background-color: rgb(255,  
255, 255) }
```

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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