

Converting Colors

`RYB(250, 250, 222)`

Have a look what the booklet for
RYB(250, 250, 222) contains.

RYB(250, 250, 222)	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(250, 250, 222)

Conversions

Conversions Part 1

Format	Color
Hex	FAECDE
RGB	250, 236, 222
RGB Percent	98%, 93%, 87%
CMY	0.0196, 0.0745, 0.1294
CMYK	0.00, 0.06, 0.11, 0.02
HSL	30°, 74%, 93%
HSV	30°, 11%, 98%
XYZ	82.6046, 85.5888, 81.2738
YIQ	238.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

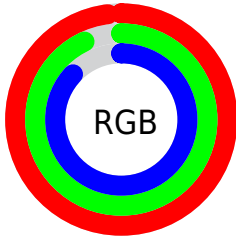
Format	Color
R _Y B	250, 250, 222
Decimal	16444638
CIE Lab	94.14, 2.43, 8.47
CIE LCh	94, 8.808, 73.994
Yxy	85.5888, 0.3311, 0.3431
Android (android.graphics.Color)	4294634718 (0xFFFAECDE)
YUV	238.5900, -8.1789, 10.0066
Hunter-Lab	92.5142, -2.5198, 12.6737

Details

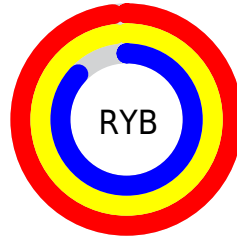
The RYB color **250, 250, 222** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **222, 231, 250**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **193, 193, 167** is the 20% darker color. If you saturate the color by 10%, you get **248, 250, 197**, and if you desaturate by 10%, it is **249, 250, 247**.

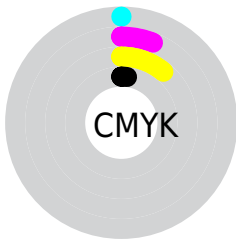
Distribution



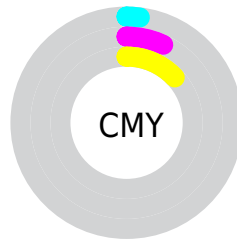
- Red (98%)
- Green (93%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 250, 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 250, 250, 222 by changing the saturation by 10% instead.

250, 250, 222

255, 255, 255

250, 250, 222

219, 221, 194

193, 193, 167

166, 164, 141

138, 140, 115

110, 114, 90

85, 89, 67

64, 66, 45

41, 43, 24

24, 24, 0

 250, 250, 222

 250, 250, 222

 248, 250, 197


 249, 250, 247


 250, 250, 172


 250, 253, 255


 248, 250, 147

 250, 250, 122

 248, 250, 97

 250, 250, 72

 248, 250, 47

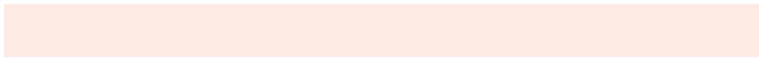
 250, 250, 22

 250, 250, 0

Harmonies

Analogous

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



255, 236, 227



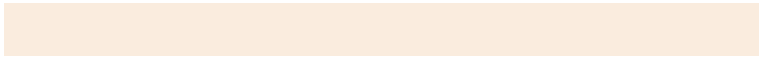
250, 250, 222



224, 241, 222

Triad

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



250, 250, 222



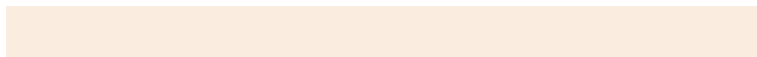
218, 231, 243



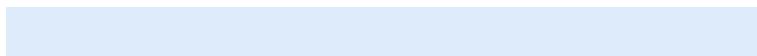
245, 235, 250

Complementary

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



250, 250, 222



222, 231, 250

Split Complementary

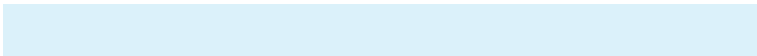
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 237, 254



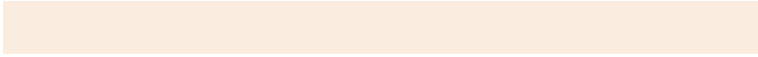
250, 250, 222



219, 232, 250

Square

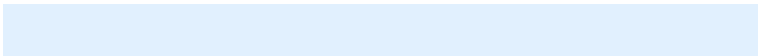
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 250, 222



223, 236, 243



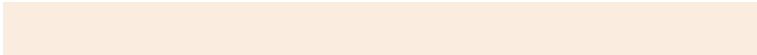
225, 235, 254



253, 233, 243

Rectangle

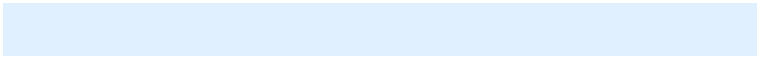
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250, 250, 222



224, 241, 231



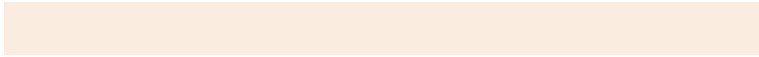
225, 235, 254



241, 236, 252

Sweetspot

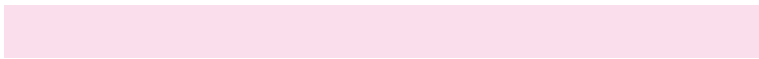
The Sweet Spot groups the original color and five complimentary colors.



250, 250, 222



255, 255, 247



250, 222, 236



128, 128, 122



0, 0, 0



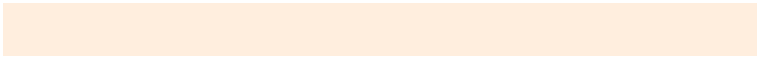
128, 128, 128

Same Dimension

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



250, 250, 222



255, 253, 222



222, 250, 222



123, 125, 112



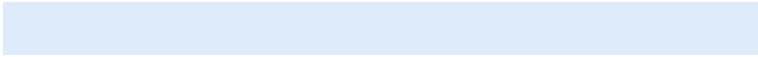
189, 187, 0



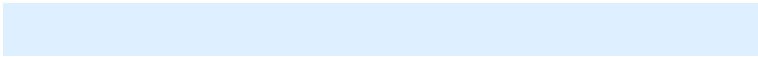
59, 61, 0

Inverse Universe

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



222, 231, 250



222, 233, 255



222, 222, 250



112, 117, 125



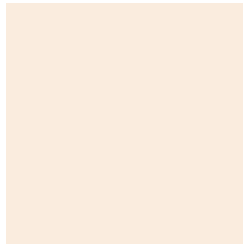
0, 63, 189



0, 21, 61

Previews

White Background



This preview shows how the RYB color 250, 250, 222 looks on a white background.

Color Contrast Check

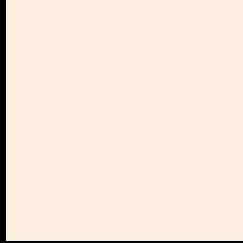
Large Text (above 18pt) WCAG AA × Fail

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 250, 250, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

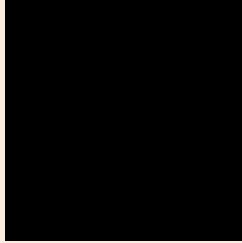
Any Text WCAG AA ✓ Pass

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](#).

RYB 250, 250, 222 Background



This preview shows how black text looks on a background with the RYB color 250, 250, 222.

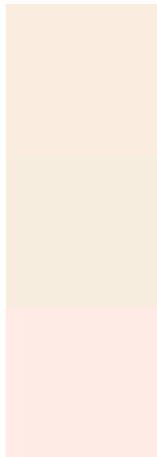


This preview shows how white text looks on a background with the RYB color 250, 250, 222.

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
250, 250, 222

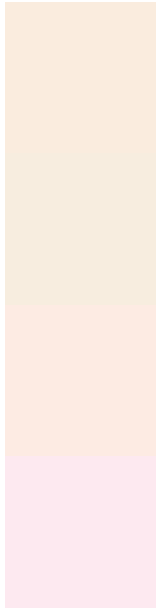
Protanopia
238, 246, 223

Deuteranopia
255, 235, 230



Tritanopia
254, 232, 250

Trichromacy



Original Color

250, 250, 222

Protanomaly

240, 247, 223

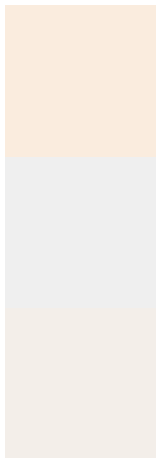
Deuteranomaly

253, 239, 227

Tritanomaly

253, 233, 240

Monochromacy



Original Color

250, 250, 222

Achromatopsia

239, 239, 239

Achromatomaly

243, 243, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 250, 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(250, 236, 222) looks like.

```
.text, #text, p{  
    color:rgb(250, 236, 222)  
}
```

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(250, 236, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 236, 222) }
```

Border

The CSS property to change the border of an element to RYB 250, 250, 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(250, 236, 222) }
```

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

```
.border{ border-color:rgb(250, 236, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 236, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 236, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 236, 222);  
box-shadow:4px 4px 4px 4px rgb(250, 236,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 250, 250, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 236, 222) }
```

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

```
.background{ background-color: rgb(250,  
236, 222) }
```

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