

Converting Colors

`RYB(250, 225, 222)`

Have a look what the booklet for
RYB(250, 225, 222) contains.

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Color

R_YB(250, 225, 222)

Conversions

Conversions Part 1

Format	Color
Hex	FAE1DE
RGB	250, 225, 222
RGB Percent	98%, 88%, 87%
CMY	0.0196, 0.1188, 0.1294
CMYK	0.00, 0.10, 0.11, 0.02
HSL	6°, 74%, 93%
HSV	6°, 11%, 98%
XYZ	79.4559, 79.2915, 80.2243
YIQ	232.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

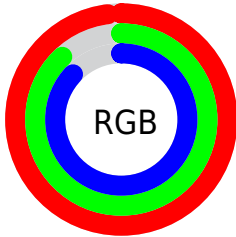
Format	Color
RYB	250, 225, 222
Decimal	16441822
CIELab	91.37, 8.23, 4.47
CIELCh	91, 9.366, 28.538
Yxy	79.2915, 0.3325, 0.3318
Android (android.graphics.Color)	4294631902 (0xFFFAE1DE)
YUV	232.1330, -4.9956, 15.6694
Hunter-Lab	89.0458, 3.4462, 8.9157

Details

The RYB color **250, 225, 222** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **222, 235, 250**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 170, 167** is the 20% darker color. If you saturate the color by 10%, you get **250, 203, 197**, and if you desaturate by 10%, it is **250, 247, 247**.

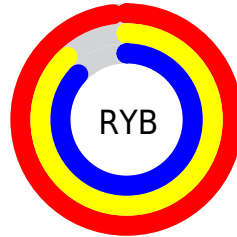
Distribution



Red (98%)

Green (88%)

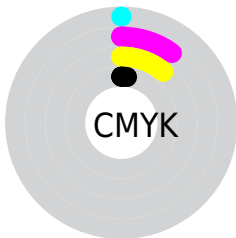
Blue (87%)



Red (98%)

Yellow (88%)

Blue (87%)

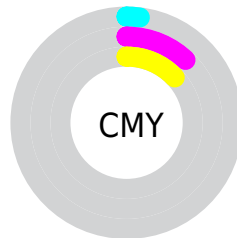


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 225, 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, 225, 222 by changing the saturation by 10% instead.

 250, 225, 222


255, 255, 255

 250, 225, 222

 221, 197, 194

 193, 169, 167


 166, 143, 141

 140, 117, 115

 114, 93, 91

 89, 69, 67

 65, 47, 45

 43, 26, 24


 23, 0, 0

 250, 225, 222


 250, 225, 222


 250, 203, 197


 250, 247, 247

 250, 181, 172

 250, 253, 255

 250, 158, 147

 250, 135, 122

 250, 114, 97

 250, 91, 72

 250, 69, 47

 250, 46, 22

 250, 27, 0

Harmonies

Analogous

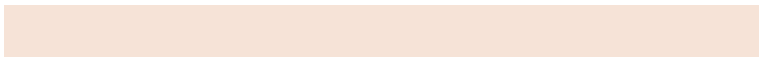
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 224, 231



250, 225, 222



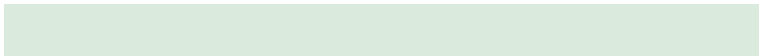
246, 235, 215

Triad

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



250, 225, 222



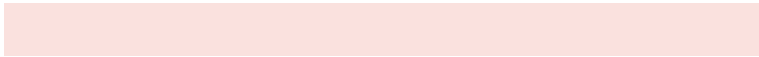
218, 232, 235



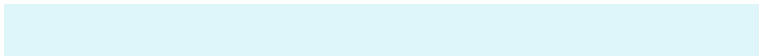
221, 228, 248

Complementary

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



250, 225, 222



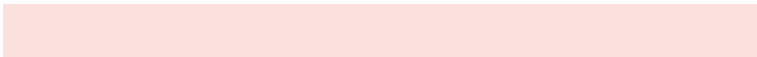
222, 235, 250

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.



212, 225, 245



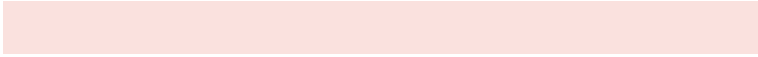
250, 225, 222



211, 226, 236

Square

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



250, 225, 222



214, 232, 218



208, 222, 238



232, 228, 246

Rectangle

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



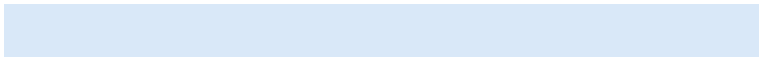
250, 225, 222



237, 241, 213



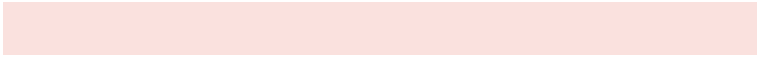
208, 222, 238



217, 227, 248

Sweetspot

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



250, 225, 222



255, 248, 247



250, 222, 248



128, 123, 122



0, 0, 0



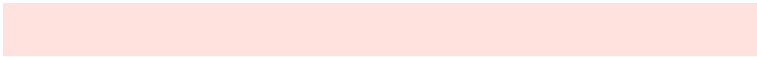
128, 128, 128

Same Dimension

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



250, 225, 222



255, 225, 222



243, 250, 222



125, 114, 112



189, 20, 0



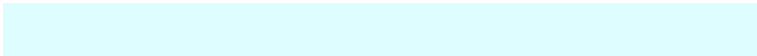
61, 7, 0

Inverse Universe

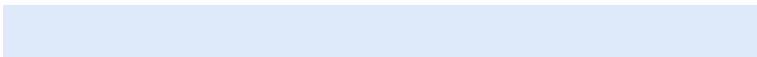
The Inverse Universe completely reimagines the original color for something new.



222, 235, 250



222, 238, 255



222, 230, 250



112, 118, 125



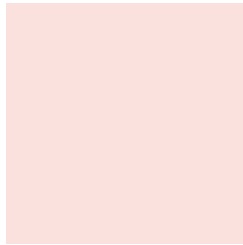
0, 89, 189



0, 29, 61

Previews

White Background



This preview shows how the RYB color 250, 225, 222 looks on a white background.

Color Contrast Check

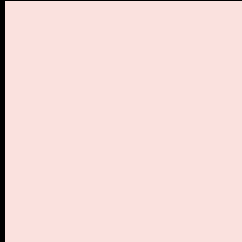
Large Text (above 18pt) WCAG AA × Fail

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, 225, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

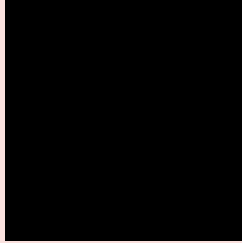
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

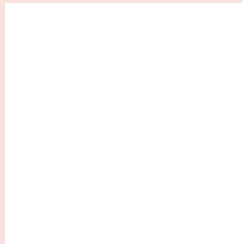
Any Text WCAG AAA ✓ Pass

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

RYB 250, 225, 222 Background



This preview shows how black text looks on a background with the RYB color 250, 225, 222.

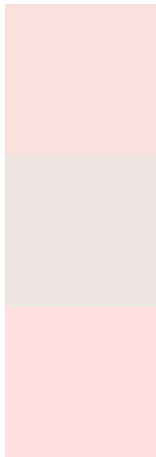


This preview shows how white text looks on a background with the RYB color 250, 225, 222.

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, 225, 222

Protanopia
236, 231, 225

Deuteranopia
255, 223, 223



Tritanopia

252, 222, 239

Trichromacy



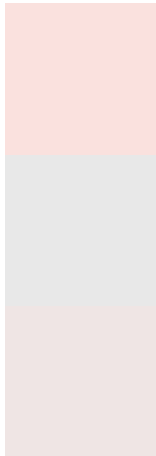
Original Color
250, 225, 222

Protanomaly
241, 228, 224

Deuteranomaly
253, 224, 223

Tritanomaly
251, 223, 233

Monochromacy



Original Color
250, 225, 222

Achromatopsia
232, 232, 232

Achromatomaly
239, 229, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 225, 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, 225, 222) looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 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, 225, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 222) }
```

Border

The CSS property to change the border of an element to RYB 250, 225, 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, 225, 222) }
```

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

```
.border{ border-color:rgb(250, 225, 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, 225, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 225, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 225, 222); box-shadow:4px 4px 4px 4px rgb(250, 225, 222) }
```

Background

The CSS property to change the background color of an element to RYB 250, 225, 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, 225, 222) }
```

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

```
.background{ background-color: rgb(250,  
225, 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](#).

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