

Converting Colors

`RYB(252, 225, 216)`

Have a look what the booklet for
RYB(252, 225, 216) contains.

RYB(252, 225, 216)	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

$\text{RYB}(252, 225, 216)$

Conversions

Conversions Part 1

Format	Color
Hex	FCDFD8
RGB	252, 223, 216
RGB Percent	99%, 87%, 85%
CMY	0.0118, 0.1247, 0.1529
CMYK	0.00, 0.11, 0.14, 0.01
HSL	12°, 86%, 92%
HSV	12°, 14%, 99%
XYZ	78.9807, 78.5356, 75.9619
YIQ	230.8730, 19.5310, 3.9710

Conversions

Conversions Part 2

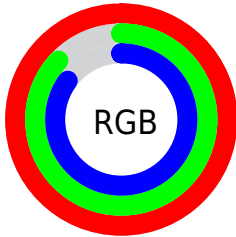
Format	Color
R _Y B	252, 225, 216
Decimal	16572376
CIE Lab	91.02, 8.76, 7.14
CIE LCh	91, 11.304, 39.183
Yxy	78.5356, 0.3383, 0.3364
Android (android.graphics.Color)	4294762456 (0xFFFCDFD8)
YUV	230.8730, -7.3324, 18.5284
Hunter-Lab	88.6203, 3.9982, 11.2131

Details

The RYB color **252, 225, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216, 232, 252**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **195, 170, 161** is the 20% darker color. If you saturate the color by 10%, you get **252, 206, 191**, and if you desaturate by 10%, it is **252, 243, 241**.

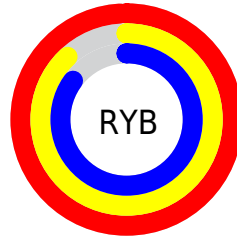
Distribution



Red (99%)

Green (87%)

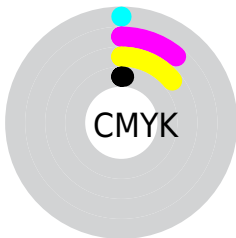
Blue (85%)



Red (99%)

Yellow (88%)

Blue (85%)

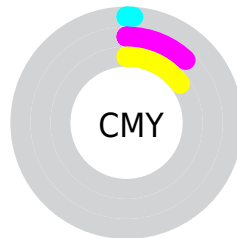


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (1%)



Cyan (1%)

Magenta (12%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 225, 216 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 252, 225, 216 by changing the saturation by 10% instead.

 252, 225, 216


255, 255, 255

 252, 225, 216


 223, 197, 188

 195, 170, 161

 168, 144, 135

 141, 117, 110

 115, 93, 85

 90, 70, 62

 66, 48, 40

 44, 26, 20


 23, 0, 0

 252, 225, 216


 252, 225, 216


 252, 206, 191

 252, 243, 241


 252, 187, 166

 252, 254, 255

 252, 169, 140

 252, 150, 115

 252, 130, 90

 252, 111, 65

 252, 92, 40

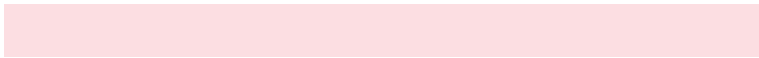
 252, 74, 14

 252, 62, 0

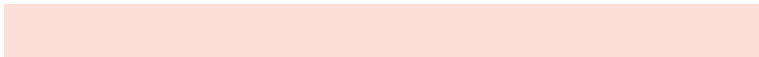
Harmonies

Analogous

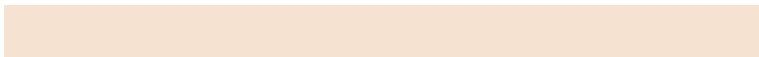
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



252, 222, 226



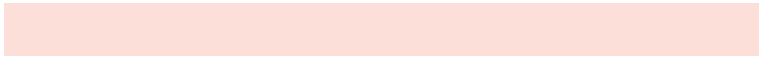
252, 225, 216



246, 240, 209

Triad

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



252, 225, 216



211, 228, 235



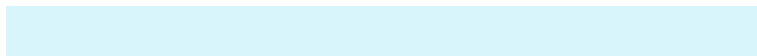
222, 228, 250

Complementary

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



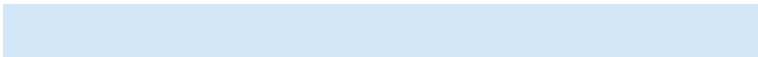
252, 225, 216



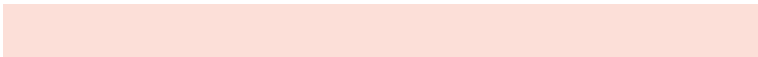
216, 232, 252

Split Complementary

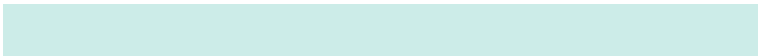
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210, 224, 249



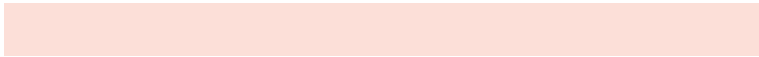
252, 225, 216



204, 221, 236

Square

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



252, 225, 216



212, 233, 223



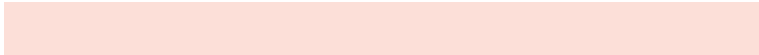
203, 221, 242



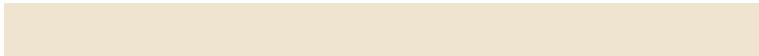
236, 225, 246

Rectangle

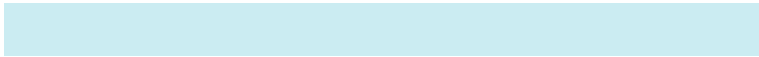
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 225, 216



225, 239, 208



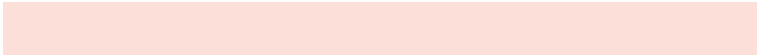
203, 221, 242



218, 227, 251

Sweetspot

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



252, 225, 216



255, 248, 245



252, 216, 245



128, 122, 121



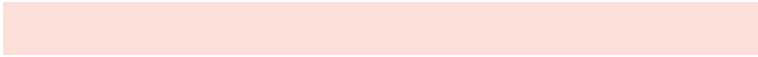
0, 0, 0



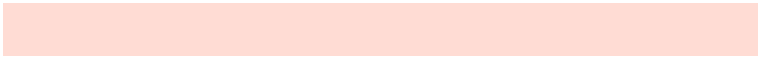
128, 128, 128

Same Dimension

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



252, 225, 216



255, 222, 212



232, 252, 216



125, 116, 112



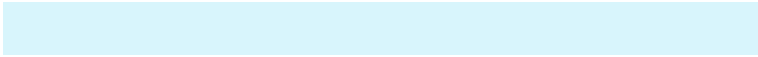
189, 48, 0



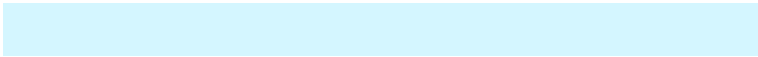
61, 15, 0

Inverse Universe

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



216, 232, 252



212, 231, 255



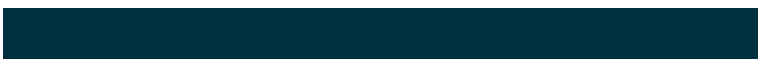
216, 224, 252



112, 118, 125



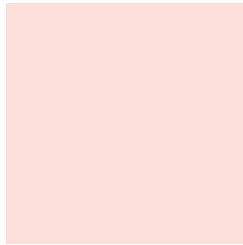
0, 84, 189



0, 27, 61

Previews

White Background



This preview shows how the RYB color 252, 225, 216 looks on a white background.

Color Contrast Check

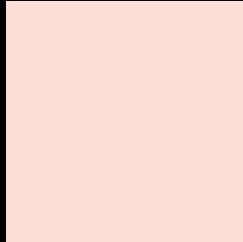
Large Text (above 18pt) WCAG AA × Fail

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 252, 225, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

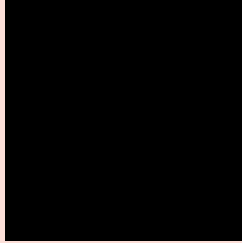
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

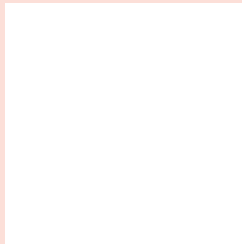
Any Text WCAG AAA ✓ Pass

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

RYB 252, 225, 216 Background



This preview shows how black text looks on a background with the RYB color 252, 225, 216.

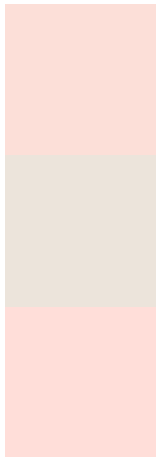


This preview shows how white text looks on a background with the RYB color 252, 225, 216.

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
252, 225, 216

Protanopia
234, 236, 219

Deuteranopia
255, 223, 217



Tritanopia

255, 220, 237

Trichromacy



Original Color

252, 225, 216

Protanomaly

242, 230, 218

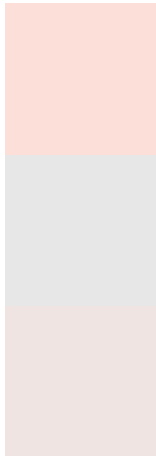
Deuteranomaly

254, 223, 217

Tritanomaly

254, 221, 229

Monochromacy



Original Color

252, 225, 216

Achromatopsia

231, 231, 231

Achromatomaly

239, 228, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 225, 216 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, 223, 216) looks like.

```
.text, #text, p{  
    color:rgb(252, 223, 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(252, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 216) }
```

Border

The CSS property to change the border of an element to RYB 252, 225, 216 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, 223, 216) }
```

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

```
.border{ border-color:rgb(252, 223, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 252, 225, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 223, 216) }
```

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

```
.background{ background-color: rgb(252,  
223, 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](#).

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