

Converting Colors

`RYB(244, 220, 210)`

Have a look what the booklet for
RYB(244, 220, 210) contains.

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Color

R_YB(244, 220, 210)

Conversions

Conversions Part 1

Format	Color
Hex	F4DAD2
RGB	244, 218, 210
RGB Percent	96%, 85%, 82%
CMY	0.0431, 0.1462, 0.1765
CMYK	0.00, 0.11, 0.14, 0.04
HSL	14°, 61%, 89%
HSV	14°, 14%, 96%
XYZ	73.9418, 73.8877, 71.3374
YIQ	224.8620, 18.0640, 3.0240

Conversions

Conversions Part 2

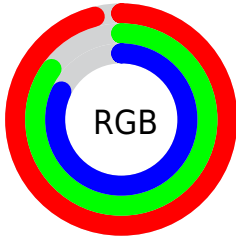
Format	Color
RYB	244, 220, 210
Decimal	16046802
CIELab	88.87, 7.83, 7.10
CIElCh	89, 10.573, 42.207
Yxy	73.8877, 0.3374, 0.3371
Android (android.graphics.Color)	4294236882 (0xFFFF4DAD2)
YUV	224.8620, -7.3270, 16.7840
Hunter-Lab	85.9580, 3.1209, 10.9652

Details

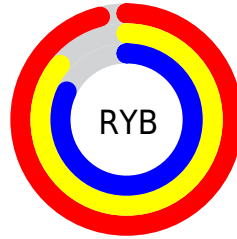
The RYB color **244, 220, 210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **210, 225, 244**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **188, 165, 156** is the 20% darker color. If you saturate the color by 10%, you get **244, 203, 186**, and if you desaturate by 10%, it is **244, 238, 234**.

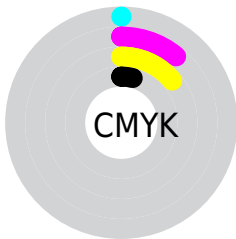
Distribution



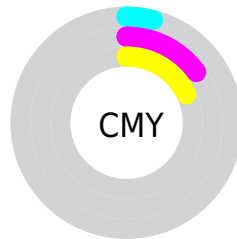
- Red (96%)
- Green (85%)
- Blue (82%)



- Red (96%)
- Yellow (86%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 244, 220, 210 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 244, 220, 210 by changing the saturation by 10% instead.


 244, 220, 210


255, 255, 255

 244, 220, 210

 215, 193, 182

 188, 165, 156

 160, 139, 130

 134, 113, 104

 108, 89, 80

 84, 65, 57

 60, 44, 36

 38, 23, 15

 8, 0, 0

244, 220, 210

244, 220, 210

244, 203, 186

244, 238, 234

244, 186, 161

244, 250, 255

244, 168, 137

244, 151, 112

244, 133, 88

244, 117, 64

244, 100, 39

244, 82, 15

244, 71, 0

Harmonies

Analogous

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



245, 216, 219



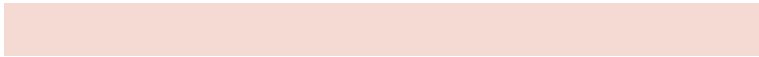
244, 220, 210



238, 234, 204

Triad

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



244, 220, 210



205, 221, 229



218, 222, 243

Complementary

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



244, 220, 210



210, 225, 244

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.



206, 219, 242



244, 220, 210



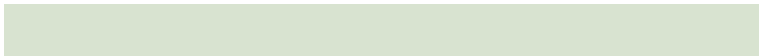
199, 215, 229

Square

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



244, 220, 210



208, 227, 219



199, 215, 236



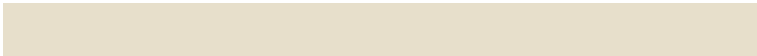
230, 219, 238

Rectangle

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



244, 220, 210



214, 231, 203



199, 215, 236



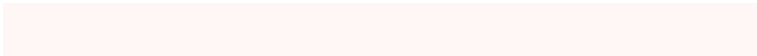
214, 221, 243

Sweetspot

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



244, 220, 210



255, 248, 245



244, 210, 237



128, 124, 121



0, 0, 0



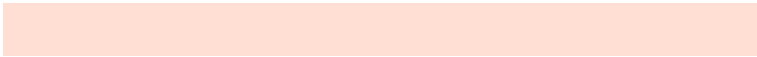
128, 128, 128

Same Dimension

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



244, 220, 210



255, 225, 212



224, 244, 210



122, 114, 110



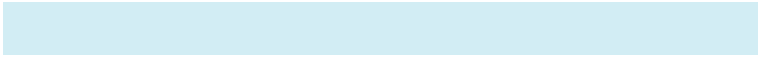
186, 54, 0



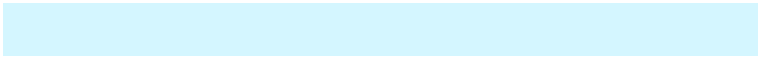
59, 17, 0

Inverse Universe

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



210, 225, 244



212, 231, 255



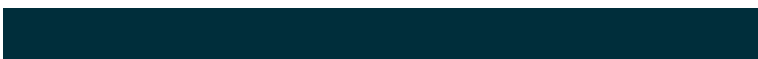
210, 218, 244



110, 115, 122



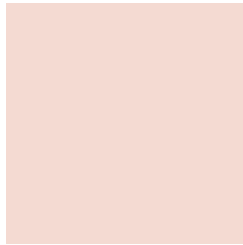
0, 81, 186



0, 26, 59

Previews

White Background



This preview shows how the RYB color 244, 220, 210 looks on a white background.

Color Contrast Check

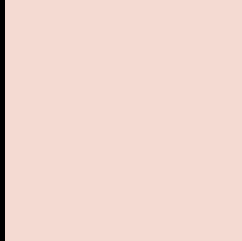
Large Text (above 18pt) WCAG AA × Fail

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 244, 220, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

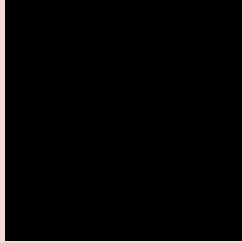
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

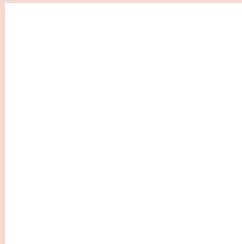
Any Text WCAG AAA ✓ Pass

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

R Y B 244, 220, 210 Background



This preview shows how black text looks on a background with the R Y B color 244, 220, 210.



This preview shows how white text looks on a background with the R Y B color 244, 220, 210.

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](#).

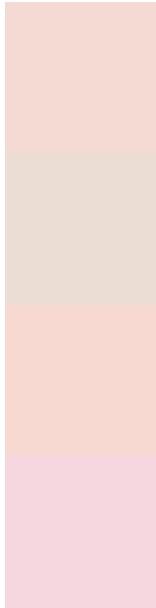
Dichromacy

	Original Color 244, 220, 210
	Protanopia 228, 230, 213
	Deuteranopia 250, 217, 210



Tritanopia
247, 214, 231

Trichromacy



Original Color

244, 220, 210

Protanomaly

235, 224, 212

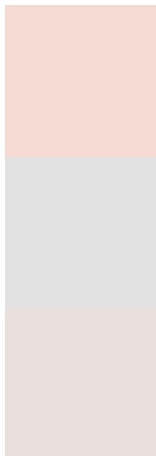
Deuteranomaly

248, 219, 210

Tritanomaly

246, 215, 223

Monochromacy



Original Color

244, 220, 210

Achromatopsia

225, 225, 225

Achromatomaly

232, 222, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 220, 210 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(244, 218, 210) looks like.

```
.text, #text, p{  
    color:rgb(244, 218, 210)  
}
```

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(244, 218, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 218, 210) }
```

Border

The CSS property to change the border of an element to RYB 244, 220, 210 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(244, 218, 210) }
```

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

```
.border{ border-color:rgb(244, 218, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 218, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 218, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 218, 210);  
box-shadow:4px 4px 4px 4px rgb(244, 218,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 244, 220, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 218, 210) }
```

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

```
.background{ background-color: rgb(244,  
218, 210) }
```

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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