

Converting Colors

`RYB(244, 220, 214)`

Have a look what the booklet for RYB(244, 220, 214) contains.

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Color

$\text{RYB}(244, 220, 214)$

Conversions

Conversions Part 1

Format	Color
Hex	F4DBD6
RGB	244, 219, 214
RGB Percent	96%, 86%, 84%
CMY	0.0431, 0.1412, 0.1608
CMYK	0.00, 0.10, 0.12, 0.04
HSL	10°, 58%, 90%
HSV	10°, 12%, 96%
XYZ	74.7773, 74.7512, 74.1056
YIQ	225.9050, 16.5050, 3.7450

Conversions

Conversions Part 2

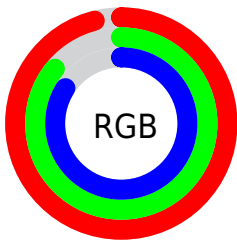
Format	Color
R_{YB}	244, 220, 214
Decimal	16047062
CIE Lab	89.28, 7.80, 5.59
CIE LCh	89, 9.596, 35.599
Yxy	74.7512, 0.3344, 0.3343
Android (android.graphics.Color)	4294237142 (0xFFF4DBD6)
YUV	225.9050, -5.8692, 15.8693
Hunter-Lab	86.4588, 3.0801, 9.7025

Details

The RYB color **244, 220, 214** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **214, 228, 244**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **188, 165, 159** is the 20% darker color. If you saturate the color by 10%, you get **244, 201, 190**, and if you desaturate by 10%, it is **244, 239, 238**.

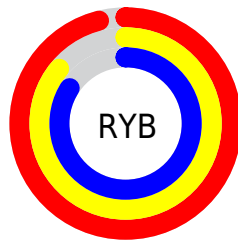
Distribution



Red (96%)

Green (86%)

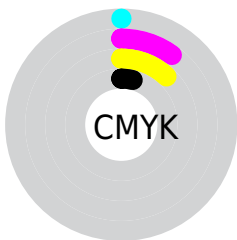
Blue (84%)



Red (96%)

Yellow (86%)

Blue (84%)

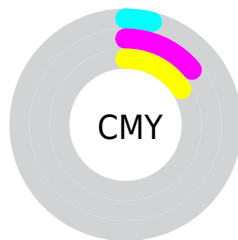


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 220, 214 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, 214 by changing the saturation by 10% instead.


 244, 220, 214


255, 255, 255

 244, 220, 214

 215, 192, 186


 188, 165, 159

 160, 139, 133

 134, 113, 108

 109, 89, 84

 84, 66, 61

 61, 42, 39

 38, 23, 18


 12, 0, 0

 244, 220, 214


 244, 220, 214


 244, 201, 190


 244, 239, 238


 244, 181, 165

 244, 250, 255

 244, 161, 141

 244, 143, 116

 244, 122, 92

 244, 103, 68

 244, 84, 43

 244, 63, 19

 244, 49, 0

Harmonies

Analogous

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



244, 218, 223



244, 220, 214



239, 230, 208

Triad

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



244, 220, 214



210, 224, 229



217, 222, 242

Complementary

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



244, 220, 214



214, 228, 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.



207, 220, 241



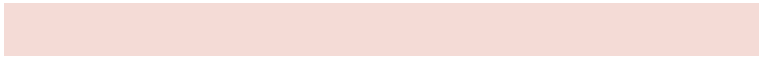
244, 220, 214



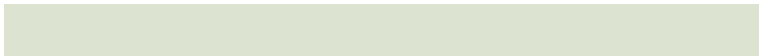
203, 218, 230

Square

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



244, 220, 214



209, 227, 216



202, 217, 235



228, 221, 239

Rectangle

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



244, 220, 214



224, 234, 206



202, 217, 235



213, 221, 242

Sweetspot

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



244, 220, 214



255, 248, 245



244, 214, 240



128, 122, 121



0, 0, 0



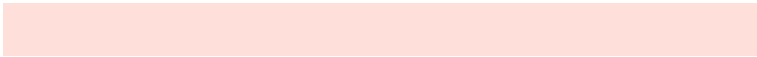
128, 128, 128

Same Dimension

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



244, 220, 214



255, 224, 217



229, 244, 214



122, 112, 110



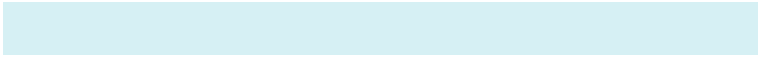
186, 37, 0



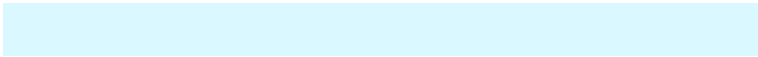
59, 12, 0

Inverse Universe

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



214, 228, 244



217, 234, 255



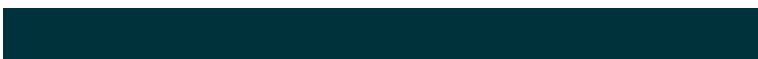
214, 222, 244



110, 115, 122



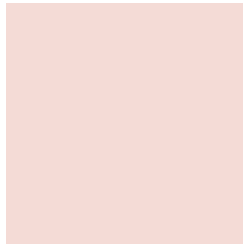
0, 85, 186



0, 27, 59

Previews

White Background



This preview shows how the RYB color 244, 220, 214 looks on a white background.

Color Contrast Check

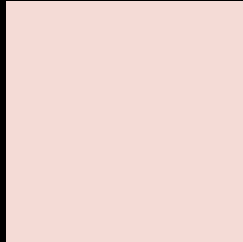
Large Text (above 18pt) WCAG AA × Fail

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, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

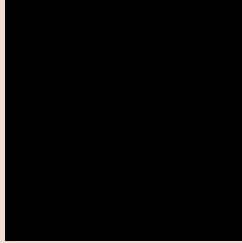
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

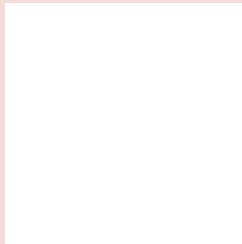
Any Text WCAG AAA ✓ Pass

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

RYB 244, 220, 214 Background



This preview shows how black text looks on a background with the RYB color 244, 220, 214.



This preview shows how white text looks on a background with the RYB color 244, 220, 214.

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, 214
	Protanopia 230, 230, 216
	Deuteranopia 250, 217, 214



Tritanopia
247, 216, 233

Trichromacy



Original Color

244, 220, 214

Protanomaly

235, 226, 215

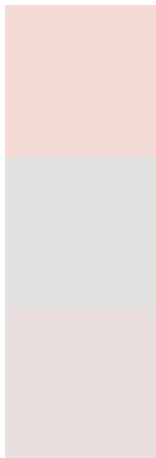
Deuteranomaly

248, 219, 214

Tritanomaly

246, 217, 226

Monochromacy



Original Color

244, 220, 214

Achromatopsia

226, 226, 226

Achromatomaly

233, 223, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 220, 214 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, 219, 214) looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 214)  
}
```

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, 219, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 214) }
```

Border

The CSS property to change the border of an element to RYB 244, 220, 214 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, 219, 214) }
```

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

```
.border{ border-color:rgb(244, 219, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 219, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 219, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 219, 214);  
box-shadow:4px 4px 4px 4px rgb(244, 219,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 244, 220, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 214) }
```

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

```
.background{ background-color: rgb(244,  
219, 214) }
```

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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