

Converting Colors

`RYB(251, 214, 203)`

Have a look what the booklet for
RYB(251, 214, 203) contains.

RYB(251, 214, 203)	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(251, 214, 203)

Conversions

Conversions Part 1

Format	Color
Hex	FBD4CB
RGB	251, 212, 203
RGB Percent	98%, 83%, 80%
CMY	0.0157, 0.1688, 0.2039
CMYK	0.00, 0.16, 0.19, 0.02
HSL	11°, 86%, 89%
HSV	11°, 19%, 98%
XYZ	74.0939, 71.8826, 66.4695
YIQ	222.6350, 26.1330, 5.4690

Conversions

Conversions Part 2

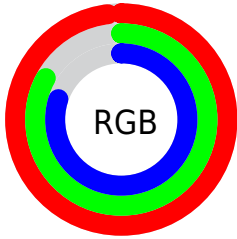
Format	Color
R _Y B	251, 214, 203
Decimal	16504011
CIE Lab	87.91, 12.27, 9.50
CIE LCh	88, 15.518, 37.733
Yxy	71.8826, 0.3488, 0.3384
Android (android.graphics.Color)	4294694091 (0xFFFB4CB)
YUV	222.6350, -9.6801, 24.8761
Hunter-Lab	84.7836, 7.6231, 12.8658

Details

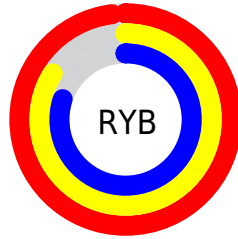
The RYB color **251, 214, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **203, 225, 251**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 255, and **194, 159, 149** is the 20% darker color. If you saturate the color by 10%, you get **251, 195, 178**, and if you desaturate by 10%, it is **251, 233, 228**.

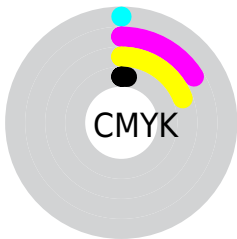
Distribution



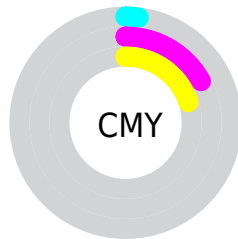
- Red (98%)
- Green (83%)
- Blue (80%)



- Red (98%)
- Yellow (84%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (19%)
- Black (2%)



- Cyan (2%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 251, 214, 203 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 251, 214, 203 by changing the saturation by 10% instead.


 251, 214, 203

255, 255, 255

 251, 214, 203

 222, 186, 176

 194, 159, 149

 166, 133, 123

 140, 108, 98

 114, 84, 74

 88, 61, 52

 64, 38, 31

 42, 20, 6

 9, 0, 0

251, 214, 203

251, 214, 203

251, 195, 178

251, 233, 228

251, 175, 153

251, 252, 253

251, 156, 128

251, 253, 255

251, 136, 103

251, 117, 78

251, 97, 52

251, 79, 27

251, 60, 2

251, 58, 0

Harmonies

Analogous

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



251, 210, 217



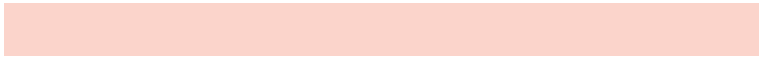
251, 214, 203



243, 234, 194

Triad

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



251, 214, 203



196, 219, 228



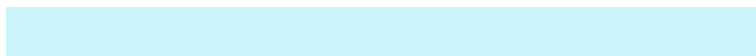
209, 218, 249

Complementary

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



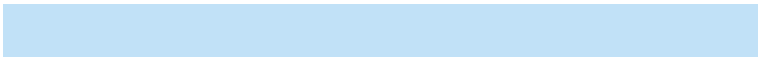
251, 214, 203



203, 225, 251

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.



193, 213, 247



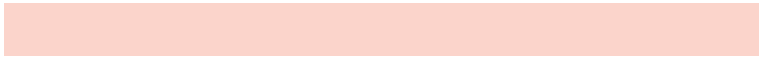
251, 214, 203



185, 208, 229

Square

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



251, 214, 203



197, 225, 210



183, 208, 238



228, 215, 244

Rectangle

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



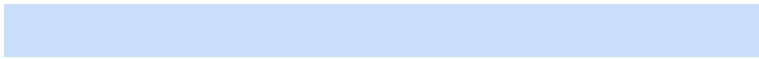
251, 214, 203



214, 234, 191



183, 208, 238



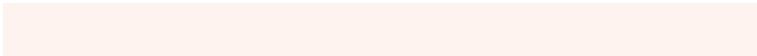
203, 217, 250

Sweetspot

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



251, 214, 203



255, 244, 240



251, 203, 242



128, 120, 119



0, 0, 0



128, 128, 128

Same Dimension

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



251, 214, 203



255, 210, 196



225, 251, 203



125, 116, 112



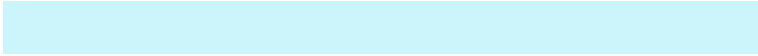
189, 43, 0



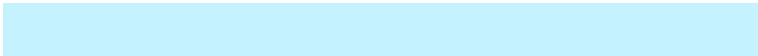
61, 13, 0

Inverse Universe

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



203, 225, 251



196, 222, 255



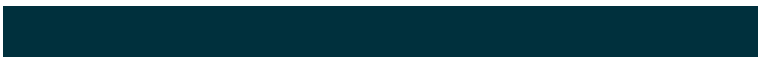
203, 214, 251



112, 118, 125



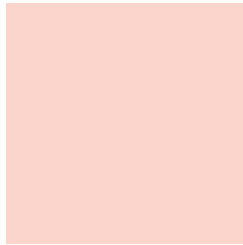
0, 85, 189



0, 27, 61

Previews

White Background



This preview shows how the RYB color 251, 214, 203 looks on a white background.

Color Contrast Check

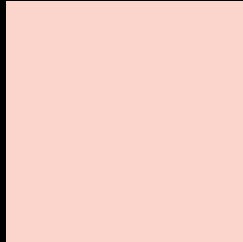
Large Text (above 18pt) WCAG AA × Fail

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 251, 214, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

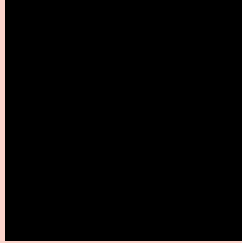
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

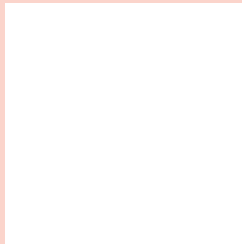
Any Text WCAG AAA ✓ Pass

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

RYB 251, 214, 203 Background



This preview shows how black text looks on a background with the RYB color 251, 214, 203.

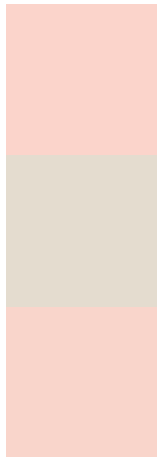


This preview shows how white text looks on a background with the RYB color 251, 214, 203.

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
251, 214, 203

Protanopia
220, 228, 207

Deuteranopia
249, 216, 203



Tritanopia
254, 209, 225

Trichromacy



Original Color

251, 214, 203

Protanomaly

236, 223, 206

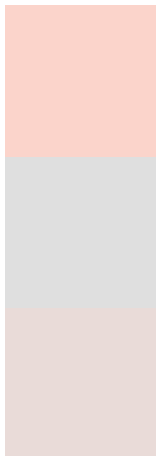
Deuteranomaly

250, 216, 203

Tritanomaly

253, 210, 217

Monochromacy



Original Color

251, 214, 203

Achromatopsia

223, 223, 223

Achromatomaly

233, 220, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 214, 203 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(251, 212, 203)` looks like.

```
.text, #text, p{  
    color:rgb(251, 212, 203)  
}
```

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(251, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 212, 203) }
```

Border

The CSS property to change the border of an element to RYB 251, 214, 203 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(251, 212, 203) }
```

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

```
.border{ border-color:rgb(251, 212, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 212, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(251, 212,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 251, 214, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 212, 203) }
```

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

```
.background{ background-color: rgb(251,  
212, 203) }
```

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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