

Converting Colors

`RYB(251, 214, 220)`

Have a look what the booklet for
RYB(251, 214, 220) contains.

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Color

$\text{RYB}(251, 214, 220)$

Conversions

Conversions Part 1

Format	Color
Hex	FBD6DC
RGB	251, 214, 220
RGB Percent	98%, 84%, 86%
CMY	0.0157, 0.1608, 0.1373
CMYK	0.00, 0.15, 0.12, 0.02
HSL	350°, 82%, 91%
HSV	350°, 15%, 98%
XYZ	76.7485, 73.7697, 77.9040
YIQ	225.7470, 20.1260, 9.7100

Conversions

Conversions Part 2

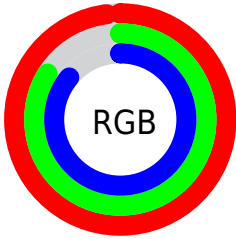
Format	Color
R _Y B	251, 214, 220
Decimal	16504540
CIE Lab	88.81, 13.82, 1.83
CIE LCh	89, 13.939, 7.553
Yxy	73.7697, 0.3360, 0.3230
Android (android.graphics.Color)	4294694620 (0xFFFB6DC)
YUV	225.7470, -2.8333, 22.1469
Hunter-Lab	85.8893, 9.1969, 6.3448

Details

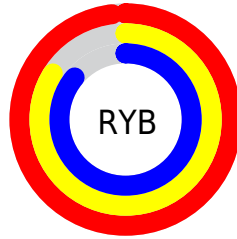
The RYB color **251, 214, 220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **214, 234, 251**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **194, 159, 165** is the 20% darker color. If you saturate the color by 10%, you get **251, 189, 199**, and if you desaturate by 10%, it is **251, 239, 241**.

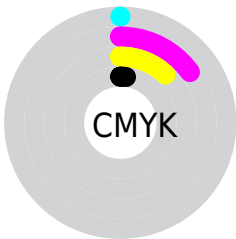
Distribution



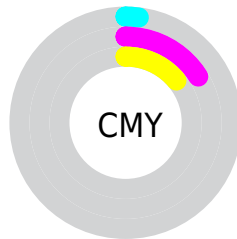
- Red (98%)
- Green (84%)
- Blue (86%)



- Red (98%)
- Yellow (84%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (2%)




- Cyan (2%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RYB color 251, 214, 220 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, 220 by changing the saturation by 10% instead.


 251, 214, 220


255, 255, 255

 251, 214, 220

 222, 186, 192

 194, 159, 165


 167, 133, 139

 140, 108, 113

 114, 83, 89

 89, 60, 66

 65, 38, 44

 43, 17, 23

 20, 0, 0

■ 251, 214, 220

■ 251, 214, 220

■ 251, 189, 199

■ 251, 239, 241

■ 251, 164, 178

■ 251, 253, 255

■ 251, 139, 157

■ 251, 114, 136

■ 251, 89, 115

■ 251, 63, 94

■ 251, 38, 73

■ 251, 13, 52

■ 251, 0, 41

Harmonies

Analogous

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



244, 215, 233



251, 214, 220



251, 217, 207

Triad

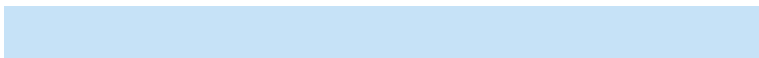
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



251, 214, 220



202, 227, 214



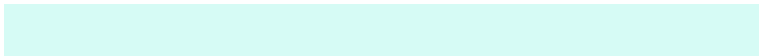
198, 216, 247

Complementary

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



251, 214, 220



214, 234, 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.



190, 212, 239



251, 214, 220



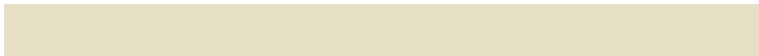
201, 222, 230

Square

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



251, 214, 220



206, 230, 197



191, 212, 231



213, 221, 249

Rectangle

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



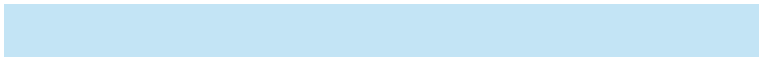
251, 214, 220



246, 226, 201



191, 212, 231



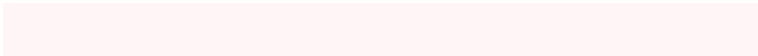
195, 215, 245

Sweetspot

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



251, 214, 220



255, 245, 246



245, 214, 251



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

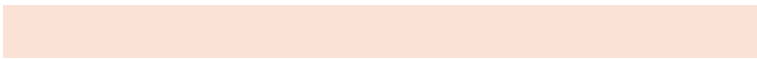
The Same Dimension uses a secret algorithm to generate beautiful new colors.



251, 214, 220



255, 209, 217



251, 232, 214



125, 112, 114



189, 0, 31



61, 0, 10

Inverse Universe

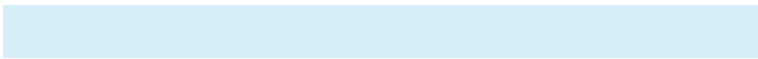
The Inverse Universe completely reimagines the original color for something new.



251, 214, 220



255, 209, 217



214, 229, 251



125, 112, 114



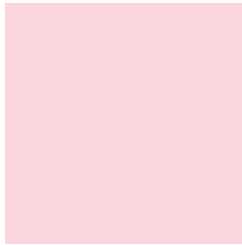
189, 0, 31



61, 0, 10

Previews

White Background



This preview shows how the RYB color 251, 214, 220 looks on a white background.

Color Contrast Check

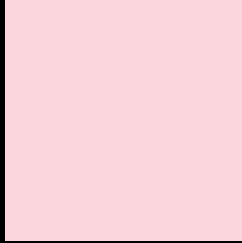
Large Text (above 18pt) WCAG AA × Fail

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, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

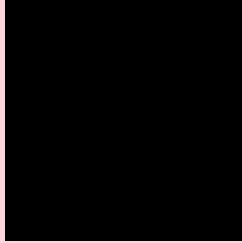
Any Text WCAG AA ✓ Pass

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](#).

RYP 251, 214, 220 Background



This preview shows how black text looks on a background with the RYP color 251, 214, 220.

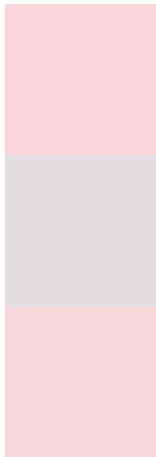


This preview shows how white text looks on a background with the RYP color 251, 214, 220.

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, 220

Protanopia
227, 222, 225

Deuteranopia
246, 216, 220



Tritanopia
252, 213, 229

Trichromacy



Original Color

251, 214, 220

Protanomaly

236, 219, 223

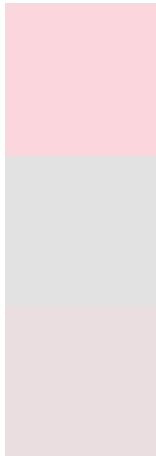
Deuteranomaly

248, 215, 220

Tritanomaly

252, 213, 226

Monochromacy



Original Color

251, 214, 220

Achromatopsia

226, 226, 226

Achromatomaly

235, 222, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 214, 220 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, 214, 220) looks like.

```
.text, #text, p{  
    color:rgb(251, 214, 220)  
}
```

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, 214, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 214, 220) }
```

Border

The CSS property to change the border of an element to RYB 251, 214, 220 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, 214, 220) }
```

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

```
.border{ border-color:rgb(251, 214, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 214, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 214, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 214, 220);  
box-shadow:4px 4px 4px 4px rgb(251, 214,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 251, 214, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 214, 220) }
```

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

```
.background{ background-color: rgb(251,  
214, 220) }
```

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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