

Converting Colors

`RYB(251, 216, 202)`

Have a look what the booklet for RYB(251, 216, 202) contains.

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Color

R_YB(251, 216, 202)

Conversions

Conversions Part 1

Format	Color
Hex	FBD5CA
RGB	251, 213, 202
RGB Percent	98%, 84%, 79%
CMY	0.0157, 0.1651, 0.2078
CMYK	0.00, 0.15, 0.20, 0.02
HSL	13°, 86%, 89%
HSV	13°, 20%, 98%
XYZ	74.2106, 72.3061, 65.9223
YIQ	223.1080, 26.1790, 4.6350

Conversions

Conversions Part 2

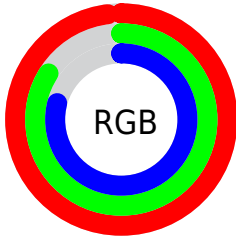
Format	Color
R _Y B	251, 216, 202
Decimal	16504266
CIE Lab	88.12, 11.64, 10.31
CIE LCh	88, 15.550, 41.555
Yxy	72.3061, 0.3493, 0.3404
Android (android.graphics.Color)	4294694346 (0xFFFB5CA)
YUV	223.1080, -10.4062, 24.4613
Hunter-Lab	85.0330, 6.9741, 13.5582

Details

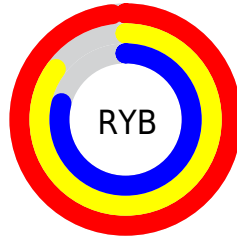
The RYB color **251, 216, 202** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202, 223, 251**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 255, and **194, 161, 148** is the 20% darker color. If you saturate the color by 10%, you get **251, 197, 177**, and if you desaturate by 10%, it is **251, 233, 227**.

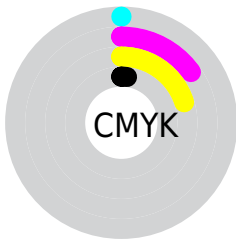
Distribution



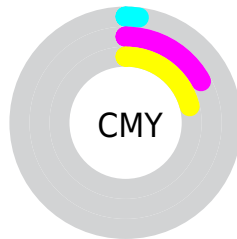
- Red (98%)
- Green (84%)
- Blue (79%)



- Red (98%)
- Yellow (85%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 216, 202 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, 216, 202 by changing the saturation by 10% instead.

251, 216, 202

255, 255, 255

251, 216, 202

222, 188, 175

194, 161, 148

166, 135, 122

140, 110, 97

114, 86, 74

88, 61, 51


64, 39, 30


42, 23, 5


9, 0, 0

 251, 216, 202


 251, 216, 202

 251, 197, 177


 251, 233, 227


 251, 180, 152


 251, 252, 252


 251, 162, 127


 251, 253, 255


 251, 144, 102

 251, 126, 77

 251, 109, 51

 251, 90, 26

 251, 73, 1

 251, 72, 0

Harmonies

Analogous

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



252, 211, 216



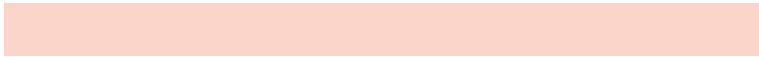
251, 216, 202



242, 240, 193

Triad

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



251, 216, 202



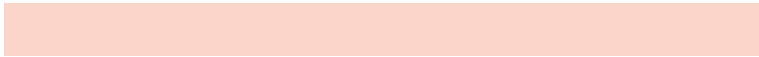
194, 218, 229



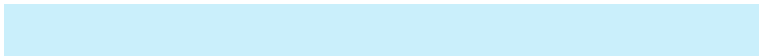
212, 219, 250

Complementary

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



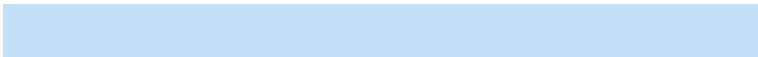
251, 216, 202



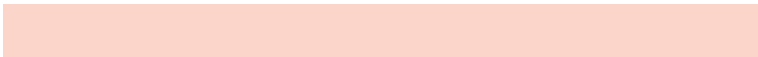
202, 223, 251

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.



195, 214, 249



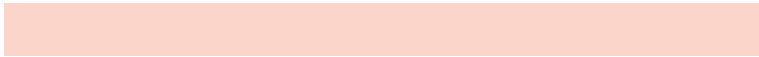
251, 216, 202



185, 209, 230

Square

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



251, 216, 202



199, 226, 215



185, 209, 240



231, 215, 243

Rectangle

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



251, 216, 202



209, 232, 192



185, 209, 240



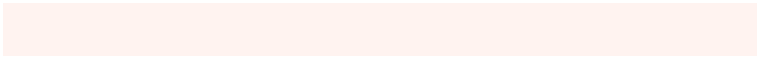
206, 218, 250

Sweetspot

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



251, 216, 202



255, 244, 240



251, 202, 240



128, 122, 119



0, 0, 0



128, 128, 128

Same Dimension

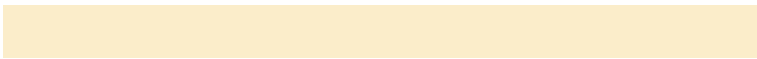
The Same Dimension uses a secret algorithm to generate beautiful new colors.



251, 216, 202



255, 213, 196



222, 251, 202



125, 116, 112



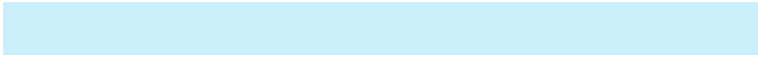
189, 54, 0



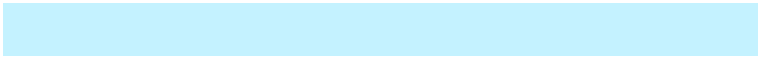
61, 18, 0

Inverse Universe

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



202, 223, 251



196, 222, 255



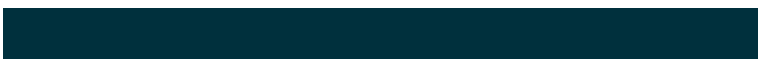
202, 213, 251



112, 118, 125



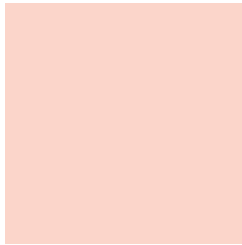
0, 83, 189



0, 27, 61

Previews

White Background



This preview shows how the RYB color 251, 216, 202 looks on a white background.

Color Contrast Check

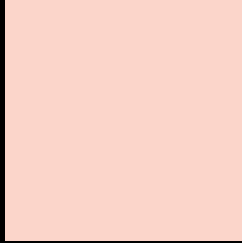
Large Text (above 18pt) WCAG AA × Fail

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, 216, 202 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, 216, 202 Background



This preview shows how black text looks on a background with the RYB color 251, 216, 202.

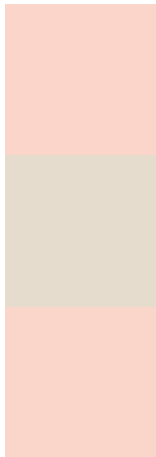


This preview shows how white text looks on a background with the RYB color 251, 216, 202.

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, 216, 202

Protanopia
221, 229, 206

Deuteranopia
250, 216, 202



Tritanopia

254, 209, 226

Trichromacy



Original Color

251, 216, 202

Protanomaly

237, 224, 205

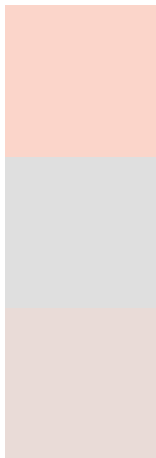
Deuteranomaly

250, 216, 202

Tritanomaly

253, 210, 217

Monochromacy



Original Color

251, 216, 202

Achromatopsia

223, 223, 223

Achromatomaly

233, 220, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 216, 202 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, 213, 202) looks like.

```
.text, #text, p{  
    color:rgb(251, 213, 202)  
}
```

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, 213, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 213, 202) }
```

Border

The CSS property to change the border of an element to RYB 251, 216, 202 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, 213, 202) }
```

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

```
.border{ border-color:rgb(251, 213, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 213, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 213, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 213, 202);  
box-shadow:4px 4px 4px 4px rgb(251, 213,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 251, 216, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 213, 202) }
```

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

```
.background{ background-color: rgb(251,  
213, 202) }
```

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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