

Converting Colors

`RYB(251, 195, 200)`

Have a look what the booklet for
RYB(251, 195, 200) contains.

RYB(251, 195, 200)	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, 195, 200)

Conversions

Conversions Part 1

Format	Color
Hex	FBC3C8
RGB	251, 195, 200
RGB Percent	98%, 76%, 78%
CMY	0.0157, 0.2353, 0.2157
CMYK	0.00, 0.22, 0.20, 0.02
HSL	355°, 88%, 87%
HSV	355°, 22%, 98%
XYZ	69.7241, 63.7096, 63.2659
YIQ	212.3140, 31.7710, 13.4270

Conversions

Conversions Part 2

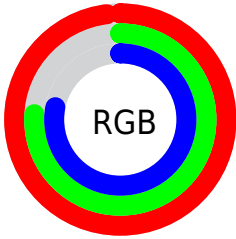
Format	Color
R _Y B	251, 195, 200
Decimal	16499656
CIE Lab	83.81, 20.71, 5.20
CIE LCh	84, 21.349, 14.105
Yxy	63.7096, 0.3545, 0.3239
Android (android.graphics.Color)	4294689736 (0xFFFBC3C8)
YUV	212.3140, -6.0708, 33.9276
Hunter-Lab	79.8183, 16.2441, 8.8781

Details

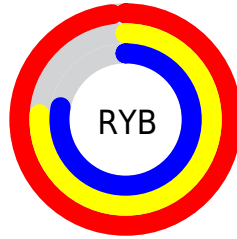
The RYB color **251, 195, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **195, 224, 251**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 252, 255, and **194, 141, 146** is the 20% darker color. If you saturate the color by 10%, you get **251, 170, 177**, and if you desaturate by 10%, it is **251, 220, 223**.

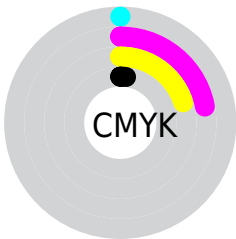
Distribution



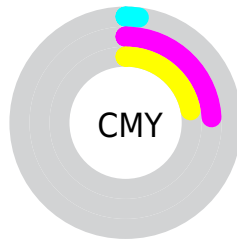
- Red (98%)
- Green (76%)
- Blue (78%)



- Red (98%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (2%)




- Cyan (2%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 251, 195, 200 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, 195, 200 by changing the saturation by 10% instead.


 251, 195, 200


255, 255, 255

 255, 252, 255

 251, 195, 200

 222, 168, 173

 194, 141, 146

 166, 115, 120

 139, 90, 96


 113, 67, 72


 87, 44, 50


 63, 22, 29


 41, 0, 2


 0, 0, 0


 251, 195, 200


 251, 195, 200

 251, 170, 177


 251, 220, 223

 251, 145, 154

 251, 245, 246

 251, 120, 131


 251, 253, 255

 251, 95, 109

 251, 70, 86

 251, 44, 63

 251, 19, 40

 251, 0, 22

Harmonies

Analogous

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



243, 196, 220



251, 195, 200



248, 203, 182

Triad

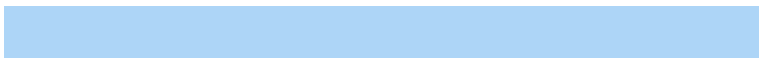
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



251, 195, 200



180, 216, 204



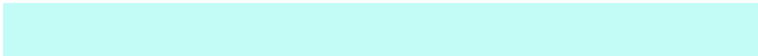
173, 199, 247

Complementary

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



251, 195, 200



195, 224, 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.



157, 192, 236



251, 195, 200



170, 202, 220

Square

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



251, 195, 200



174, 215, 170



157, 190, 221



199, 206, 248

Rectangle

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



251, 195, 200



240, 224, 173



157, 190, 221



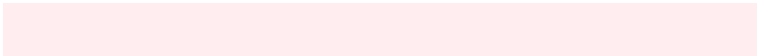
166, 196, 244

Sweetspot

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



251, 195, 200



255, 237, 239



245, 195, 251



128, 117, 118



0, 0, 0



128, 128, 128

Same Dimension

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



251, 195, 200



255, 186, 192



251, 231, 195



125, 112, 114



189, 0, 17



61, 0, 5

Inverse Universe

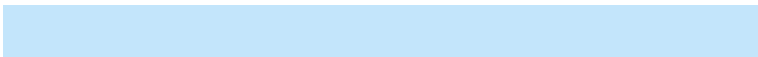
The Inverse Universe completely reimagines the original color for something new.



251, 195, 200



255, 186, 192



195, 216, 251



125, 112, 114



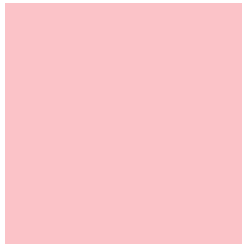
189, 0, 17



61, 0, 5

Previews

White Background



This preview shows how the RYB color 251, 195, 200 looks on a white background.

Color Contrast Check

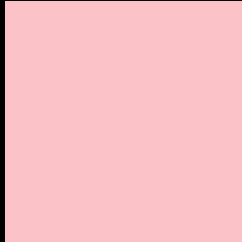
Large Text (above 18pt) WCAG AA × Fail

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, 195, 200 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, 195, 200 Background



This preview shows how black text looks on a background with the RYB color 251, 195, 200.



This preview shows how white text looks on a background with the RYB color 251, 195, 200.

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, 195, 200

Protanopia
213, 208, 207

Deuteranopia
233, 202, 199



Tritanopia
252, 194, 209

Trichromacy



Original Color

251, 195, 200

Protanomaly

227, 203, 204

Deuteranomaly

240, 199, 199

Tritanomaly

252, 194, 206

Monochromacy



Original Color

251, 195, 200

Achromatopsia

212, 212, 212

Achromatomaly

226, 206, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 195, 200 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, 195, 200)` looks like.

```
.text, #text, p{  
    color:rgb(251, 195, 200)  
}
```

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, 195, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 195, 200) }
```

Border

The CSS property to change the border of an element to RYB 251, 195, 200 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, 195, 200) }
```

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

```
.border{ border-color:rgb(251, 195, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 195, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 195, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 195, 200);  
box-shadow:4px 4px 4px 4px rgb(251, 195,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 251, 195, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 195, 200) }
```

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

```
.background{ background-color: rgb(251,  
195, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor