

Converting Colors

`RYB(251, 190, 195)`

Have a look what the booklet for
RYB(251, 190, 195) contains.

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Color

R_YB(251, 190, 195)

Conversions

Conversions Part 1

Format	Color
Hex	FBBE C3
RGB	251, 190, 195
RGB Percent	98%, 75%, 76%
CMY	0.0157, 0.2549, 0.2353
CMYK	0.00, 0.24, 0.22, 0.02
HSL	355°, 88%, 86%
HSV	355°, 24%, 98%
XYZ	68.0474, 61.2763, 59.8708
YIQ	208.8090, 34.7510, 14.4870

Conversions

Conversions Part 2

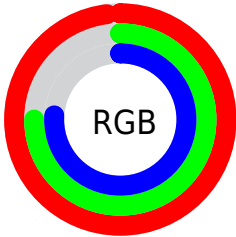
Format	Color
R_{YB}	251, 190, 195
Decimal	16498371
CIE _{Lab}	82.53, 22.61, 6.02
CIE _{LCh}	83, 23.399, 14.918
Yxy	61.2763, 0.3597, 0.3239
Android (android.graphics.Color)	4294688451 (0xFFFBEC3)
YUV	208.8090, -6.8078, 37.0015
Hunter-Lab	78.2792, 18.1801, 9.4482

Details

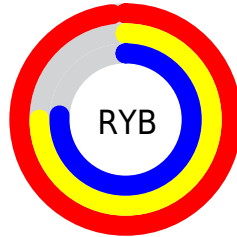
The RYB color **251, 190, 195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **190, 222, 251**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 247, 251**, and **193, 136, 141** is the 20% darker color. If you saturate the color by 10%, you get **251, 165, 172**, and if you desaturate by 10%, it is **251, 215, 218**.

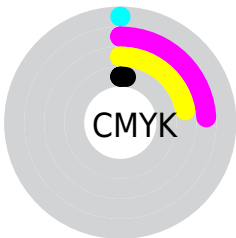
Distribution



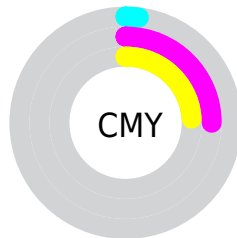
- Red (98%)
- Green (75%)
- Blue (76%)



- Red (98%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 251, 190, 195 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, 190, 195 by changing the saturation by 10% instead.

 251, 190, 195

 251, 190, 195

255, 255, 255

 222, 163, 168

 255, 247, 251

 193, 136, 141

 166, 111, 116

 139, 86, 91


 112, 62, 68


 87, 39, 46


 62, 17, 25


 41, 0, 0


 0, 0, 0

 251, 190, 195


 251, 190, 195

 251, 165, 172


 251, 215, 218

 251, 140, 149

 251, 240, 241

 251, 115, 126


 251, 253, 255

 251, 90, 103

 251, 65, 80

 251, 39, 57

 251, 14, 34

 251, 0, 21

Harmonies

Analogous

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



243, 191, 217



251, 190, 195



247, 201, 175

Triad

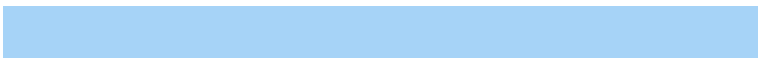
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



251, 190, 195



174, 213, 201



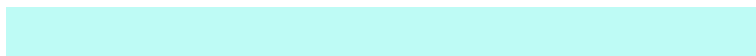
166, 195, 247

Complementary

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



251, 190, 195



190, 222, 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.



147, 186, 236



251, 190, 195



162, 197, 217

Square

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



251, 190, 195



167, 211, 163



147, 183, 218



195, 203, 248

Rectangle

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



251, 190, 195



238, 224, 166



147, 183, 218



158, 192, 244

Sweetspot

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



251, 190, 195



255, 237, 239



246, 190, 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, 190, 195



255, 181, 187



251, 232, 190



125, 112, 113



189, 0, 15



61, 0, 5

Inverse Universe

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



251, 190, 195



255, 181, 187



190, 213, 251



125, 112, 113



189, 0, 15



61, 0, 5

Previews

White Background



This preview shows how the RYB color 251, 190, 195 looks on a white background.

Color Contrast Check

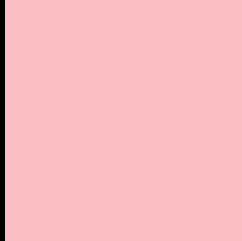
Large Text (above 18pt) WCAG AA × Fail

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, 190, 195 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, 190, 195 Background



This preview shows how black text looks on a background with the RYB color 251, 190, 195.






This preview shows how white text looks on a background with the RYB color 251, 190, 195.

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](#).

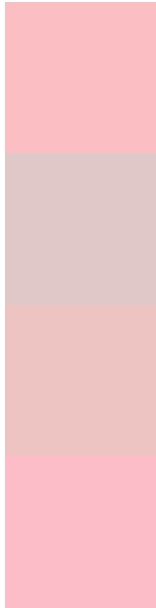
Dichromacy

	Original Color 251, 190, 195
	Protanopia 210, 206, 203
	Deuteranopia 230, 200, 193



Tritanopia
252, 189, 203

Trichromacy



Original Color

251, 190, 195

Protanomaly

225, 200, 200

Deuteranomaly

238, 196, 194

Tritanomaly

252, 189, 200

Monochromacy



Original Color

251, 190, 195

Achromatopsia

209, 209, 209

Achromatomaly

224, 202, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 190, 195 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, 190, 195)` looks like.

```
.text, #text, p{  
    color:rgb(251, 190, 195)  
}
```

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, 190, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 190, 195) }
```

Border

The CSS property to change the border of an element to RYB 251, 190, 195 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, 190, 195) }
```

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

```
.border{ border-color:rgb(251, 190, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 190, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 190, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 190, 195);  
box-shadow:4px 4px 4px 4px rgb(251, 190,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 251, 190, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 190, 195) }
```

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

```
.background{ background-color: rgb(251,  
190, 195) }
```

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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