

Converting Colors

`RYB(252, 206, 185)`

Have a look what the booklet for
RYB(252, 206, 185) contains.

RYB(252, 206, 185)	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

RYB(252, 206, 185)

Conversions

Conversions Part 1

Format	Color
Hex	FCC9B9
RGB	252, 201, 185
RGB Percent	99%, 79%, 73%
CMY	0.0118, 0.2118, 0.2745
CMYK	0.00, 0.20, 0.27, 0.01
HSL	14°, 92%, 86%
HSV	14°, 27%, 99%
XYZ	69.7858, 65.9662, 54.9536
YIQ	214.4250, 35.5320, 5.8360

Conversions

Conversions Part 2

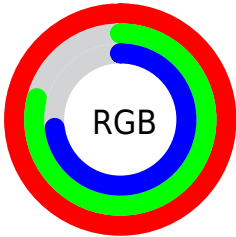
Format	Color
R _Y B	252, 206, 185
Decimal	16566713
CIE Lab	84.98, 15.82, 14.87
CIE LCh	85, 21.707, 43.224
Yxy	65.9662, 0.3659, 0.3459
Android (android.graphics.Color)	4294756793 (0xFFFC9B9)
YUV	214.4250, -14.5065, 32.9533
Hunter-Lab	81.2196, 11.2372, 16.7378

Details

The RYB color **252, 206, 185** is a light color, and the websafe version is hex **FFCCCC**, and the color name is **cherry blossom color (sakura-iro)**. A complement of this color would be **185, 214, 252**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **241, 255, 241**, and **194, 152, 132** is the 20% darker color. If you saturate the color by 10%, you get **252, 189, 160**, and if you desaturate by 10%, it is **252, 223, 210**.

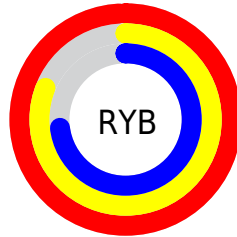
Distribution



Red (99%)

Green (79%)

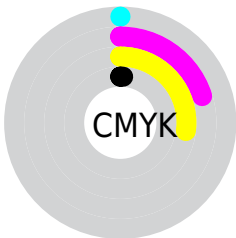
Blue (73%)



Red (99%)

Yellow (81%)

Blue (73%)

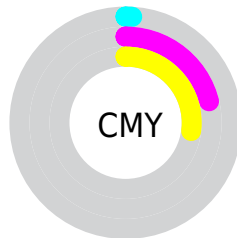


Cyan (0%)

Magenta (20%)

Yellow (27%)

Black (1%)



Cyan (1%)

Magenta (21%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 206, 185 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 252, 206, 185 by changing the saturation by 10% instead.


 252, 206, 185

255, 255, 255

 241, 255, 241

 252, 206, 185

 223, 179, 158


 194, 152, 132

 167, 125, 107

 139, 101, 82

 113, 76, 59

 87, 52, 38

 63, 31, 17

 40, 6, 0

 0, 0, 0

■ 252, 206, 185

■ 252, 206, 185

■ 252, 189, 160

■ 252, 223, 210

■ 252, 172, 135

■ 252, 240, 235

■ 252, 154, 109

■ 252, 254, 255

■ 252, 137, 84

■ 252, 119, 59

■ 252, 102, 34

■ 252, 85, 9

■ 252, 79, 0

Harmonies

Analogous

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



255, 198, 204



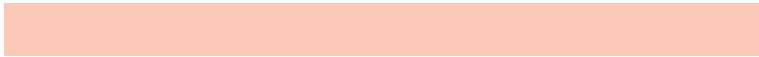
252, 206, 185



235, 239, 173

Triad

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



252, 206, 185



173, 205, 223



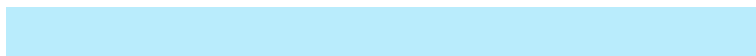
201, 209, 252

Complementary

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



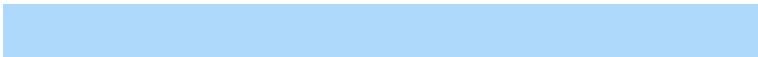
252, 206, 185



185, 214, 252

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.



175, 202, 251



252, 206, 185



159, 192, 224

Square

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



252, 206, 185



182, 220, 207



159, 194, 240



227, 204, 242

Rectangle

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



252, 206, 185



190, 226, 171



159, 194, 240



192, 208, 253

Sweetspot

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



252, 206, 185



255, 240, 235



252, 185, 236



128, 119, 115



0, 0, 0



128, 128, 128

Same Dimension

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



252, 206, 185



255, 199, 173



210, 252, 185



125, 116, 112



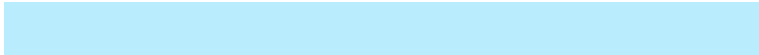
189, 59, 0



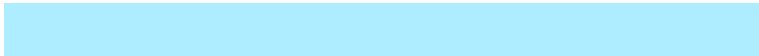
61, 20, 0

Inverse Universe

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



185, 214, 252



173, 209, 255



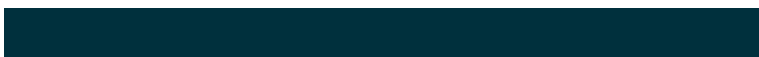
185, 199, 252



112, 118, 125



0, 82, 189



0, 27, 61

Previews

White Background



This preview shows how the RYB color 252, 206, 185 looks on a white background.

Color Contrast Check

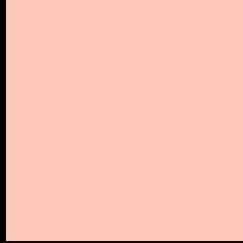
Large Text (above 18pt) WCAG AA × Fail

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 252, 206, 185 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 252, 206, 185 Background



This preview shows how black text looks on a background with the RYB color 252, 206, 185.



This preview shows how white text looks on a background with the RYB color 252, 206, 185.

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
252, 206, 185

Protanopia
204, 221, 191

Deuteranopia
243, 217, 184



Tritanopia
255, 197, 212

Trichromacy



Original Color

252, 206, 185

Protanomaly

232, 223, 189

Deuteranomaly

246, 214, 184

Tritanomaly

254, 198, 202

Monochromacy



Original Color

252, 206, 185

Achromatopsia

214, 214, 214

Achromatomaly

228, 211, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 206, 185 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(252, 201, 185)` looks like.

```
.text, #text, p{  
    color:rgb(252, 201, 185)  
}
```

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(252, 201, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 201, 185) }
```

Border

The CSS property to change the border of an element to RYB 252, 206, 185 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(252, 201, 185) }
```

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

```
.border{ border-color:rgb(252, 201, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 201, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 201, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 201, 185);  
box-shadow:4px 4px 4px 4px rgb(252, 201,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 252, 206, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 201, 185) }
```

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

```
.background{ background-color: rgb(252,  
201, 185) }
```

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