

Converting Colors

`RYB(255, 212, 179)`

Have a look what the booklet for
RYB(255, 212, 179) contains.

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Color

R_YB(255, 212, 179)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAB3
RGB	255, 202, 179
RGB Percent	100%, 79%, 70%
CMY	0.0000, 0.2078, 0.2980
CMYK	0.00, 0.21, 0.30, 0.00
HSL	18°, 100%, 85%
HSV	18°, 30%, 100%
XYZ	70.4994, 66.7600, 51.8181
YIQ	215.2250, 38.9710, 4.0830

Conversions

Conversions Part 2

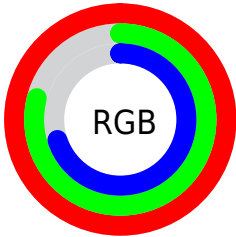
Format	Color
R _Y B	255, 212, 179
Decimal	16763571
CIE Lab	85.38, 15.61, 18.65
CIE LCh	85, 24.321, 50.069
Yxy	66.7600, 0.3729, 0.3531
Android (android.graphics.Color)	4294953651 (0xFFFFCAB3)
YUV	215.2250, -17.8589, 34.8827
Hunter-Lab	81.7068, 11.0288, 19.5933

Details

The RYB color **255, 212, 179** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **179, 210, 255**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **235, 255, 235**, and **197, 158, 126** is the 20% darker color. If you saturate the color by 10%, you get **255, 198, 153**, and if you desaturate by 10%, it is **255, 227, 204**.

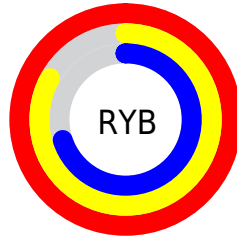
Distribution



Red (100%)

Green (79%)

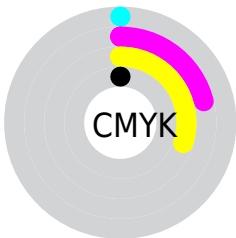
Blue (70%)



Red (100%)

Yellow (83%)

Blue (70%)

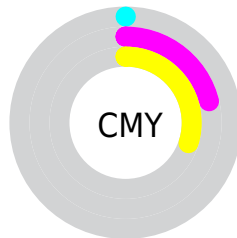


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 212, 179 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 255, 212, 179 by changing the saturation by 10% instead.

 255, 212, 179

255, 255, 255

 235, 255, 235

 255, 212, 179


 226, 185, 152

 197, 158, 126

 169, 131, 101

 142, 106, 77

 115, 82, 54

 89, 57, 33

 64, 38, 11

 40, 7, 0

 0, 0, 0

■ 255, 212, 179

■ 255, 212, 179

■ 255, 198, 153

■ 255, 227, 204

■ 255, 182, 128

■ 255, 242, 230

■ 255, 170, 102

255, 255, 255

■ 255, 155, 77

■ 255, 140, 51

■ 255, 125, 26

■ 255, 112, 0

■ 255, 110, 0

Harmonies

Analogous

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



255, 198, 199



255, 212, 179



218, 238, 168

Triad

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



255, 212, 179



164, 201, 226



207, 210, 255

Complementary

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



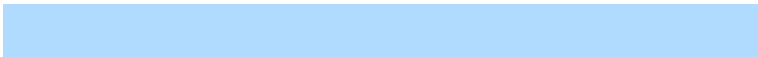
255, 212, 179



179, 210, 255

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.



177, 204, 255



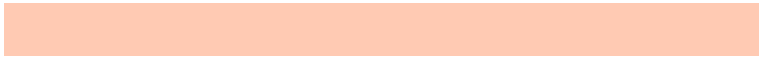
255, 212, 179



151, 189, 228

Square

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



255, 212, 179



183, 223, 218



155, 195, 248



236, 203, 243

Rectangle

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



255, 212, 179



179, 223, 168



155, 195, 248



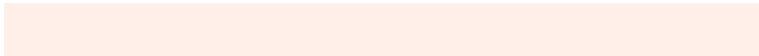
197, 210, 255

Sweetspot

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



255, 212, 179



255, 242, 232



255, 179, 232



128, 121, 113



0, 0, 0



128, 128, 128

Same Dimension

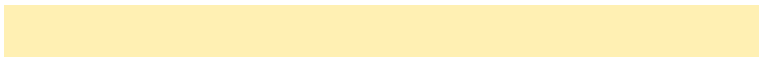
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 212, 179



255, 203, 163



198, 255, 179



128, 121, 115



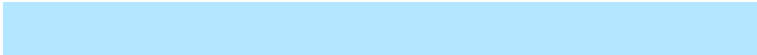
191, 83, 0



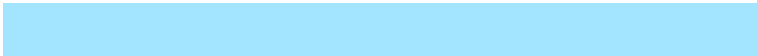
64, 27, 0

Inverse Universe

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



179, 210, 255



163, 201, 255



179, 192, 255



115, 120, 128



0, 78, 191



0, 26, 64

Previews

White Background



This preview shows how the RYB color 255, 212, 179 looks on a white background.

Color Contrast Check

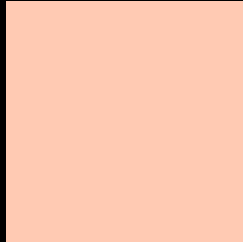
Large Text (above 18pt) WCAG AA × Fail

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 255, 212, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

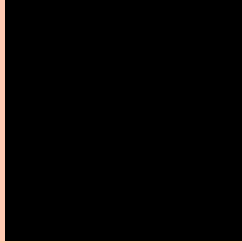
Any Text WCAG AA ✓ Pass

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 255, 212, 179 Background



This preview shows how black text looks on a background with the RYB color 255, 212, 179.







This preview shows how white text looks on a background with the RYB color 255, 212, 179.

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](#).

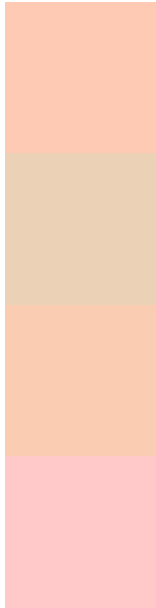
Dichromacy

	Original Color 255, 212, 179
	Protanopia 199, 224, 184
	Deuteranopia 247, 222, 178



Tritanopia
255, 199, 213

Trichromacy



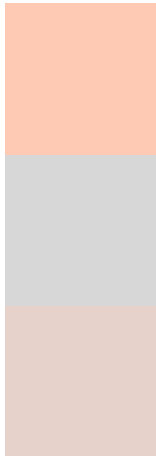
Original Color
255, 212, 179

Protanomaly
233, 235, 182

Deuteranomaly
250, 219, 178

Tritanomaly
255, 200, 201

Monochromacy



Original Color
255, 212, 179

Achromatopsia
215, 215, 215

Achromatomaly
230, 213, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 212, 179 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(255, 202, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 179)  
}
```

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(255, 202, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 179) }
```

Border

The CSS property to change the border of an element to RYB 255, 212, 179 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(255, 202, 179) }
```

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

```
.border{ border-color:rgb(255, 202, 179) }
```

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

Here you see how a box with a 4 pixel rgb(255, 202, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 255, 212, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 179) }
```

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

```
.background{ background-color: rgb(255,  
202, 179) }
```

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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