

Converting Colors

`RYB(248, 197, 172)`

Have a look what the booklet for
RYB(248, 197, 172) contains.

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Color

R_YB(248, 197, 172)

Conversions

Conversions Part 1

Format	Color
Hex	F8BFAC
RGB	248, 191, 172
RGB Percent	97%, 75%, 67%
CMY	0.0275, 0.2517, 0.3255
CMYK	0.00, 0.23, 0.31, 0.03
HSL	15°, 84%, 82%
HSV	15°, 31%, 97%
XYZ	64.7476, 60.1146, 47.2204
YIQ	205.8770, 40.0710, 6.1750

Conversions

Conversions Part 2

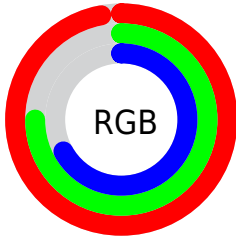
Format	Color
R _Y B	248, 197, 172
Decimal	16301996
CIE Lab	81.90, 17.96, 17.41
CIE LCh	82, 25.012, 44.105
Yxy	60.1146, 0.3763, 0.3493
Android (android.graphics.Color)	4294492076 (0xFFF8BFAC)
YUV	205.8770, -16.7014, 36.9419
Hunter-Lab	77.5336, 13.3798, 18.1640

Details

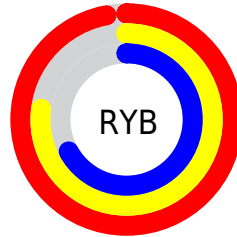
The RYB color **248, 197, 172** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **172, 205, 248**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **238, 255, 227**, and **190, 142, 120** is the 20% darker color. If you saturate the color by 10%, you get **248, 180, 147**, and if you desaturate by 10%, it is **248, 213, 197**.

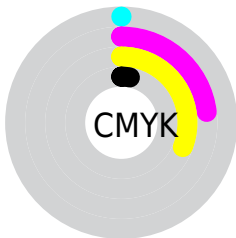
Distribution



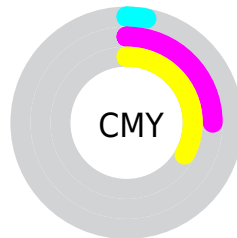
- Red (97%)
- Green (75%)
- Blue (67%)



- Red (97%)
- Yellow (77%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (31%)
- Black (3%)



- Cyan (3%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 248, 197, 172 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 248, 197, 172 by changing the saturation by 10% instead.


 248, 197, 172

255, 255, 255

 238, 255, 227

 248, 197, 172

 219, 171, 145

 190, 142, 120

 162, 118, 95

 135, 92, 71

 109, 67, 49

 83, 46, 27

 58, 26, 2

 36, 0, 0

 0, 0, 0

■ 248, 197, 172

■ 248, 197, 172

■ 248, 180, 147

■ 248, 213, 197

■ 248, 163, 122

■ 248, 230, 222

■ 248, 147, 98

■ 248, 248, 246

■ 248, 130, 73

■ 248, 252, 255

■ 248, 115, 48

■ 248, 98, 23

■ 248, 81, 0

Harmonies

Analogous

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



252, 187, 193



248, 197, 172



225, 233, 159

Triad

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



248, 197, 172



158, 195, 216



191, 200, 249

Complementary

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



248, 197, 172



172, 205, 248

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.



160, 192, 248



248, 197, 172



140, 179, 217

Square

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



248, 197, 172



169, 212, 198



140, 182, 235



221, 194, 237

Rectangle

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



248, 197, 172



177, 218, 157



140, 182, 235



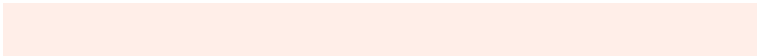
180, 198, 250

Sweetspot

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



248, 197, 172



255, 240, 232



248, 172, 230



128, 118, 113



0, 0, 0



128, 128, 128

Same Dimension

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



248, 197, 172



255, 191, 161



199, 248, 172



125, 118, 112



189, 63, 0



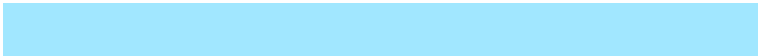
61, 20, 0

Inverse Universe

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



172, 205, 248



161, 201, 255



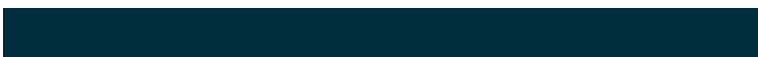
172, 188, 248



112, 118, 125



0, 81, 189



0, 26, 61

Previews

White Background



This preview shows how the RYB color 248, 197, 172 looks on a white background.

Color Contrast Check

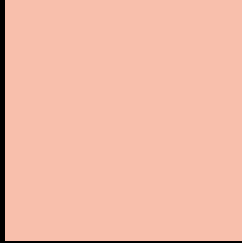
Large Text (above 18pt) WCAG AA × Fail

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 248, 197, 172 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 248, 197, 172 Background



This preview shows how black text looks on a background with the RYB color 248, 197, 172.







This preview shows how white text looks on a background with the RYB color 248, 197, 172.

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](#).

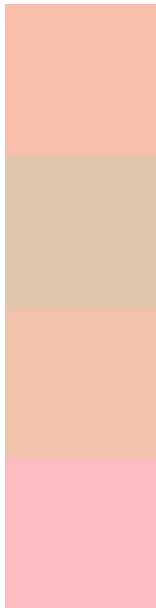
Dichromacy

	Original Color 248, 197, 172
	Protanopia 194, 214, 178
	Deuteranopia 235, 212, 171



Tritanopia
251, 187, 201

Trichromacy



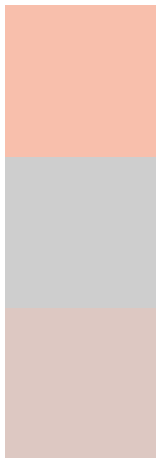
Original Color
248, 197, 172

Protanomaly
226, 219, 176

Deuteranomaly
240, 206, 171

Tritanomaly
250, 188, 190

Monochromacy



Original Color
248, 197, 172

Achromatopsia
206, 206, 206

Achromatomaly
221, 202, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 197, 172 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(248, 191, 172) looks like.

```
.text, #text, p{  
    color:rgb(248, 191, 172)  
}
```

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(248, 191, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 191, 172) }
```

Border

The CSS property to change the border of an element to RYB 248, 197, 172 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(248, 191, 172) }
```

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

```
.border{ border-color:rgb(248, 191, 172) }
```

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

Here you see how a box with a 4 pixel rgb(248, 191, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 191, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 191, 172);  
box-shadow:4px 4px 4px 4px rgb(248, 191,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 248, 191, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 191, 172) }
```

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

```
.background{ background-color: rgb(248,  
191, 172) }
```

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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