

Converting Colors

`RYB(252, 199, 198)`

Have a look what the booklet for
RYB(252, 199, 198) contains.

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Color

R_YB(252, 199, 198)

Conversions

Conversions Part 1

Format	Color
Hex	FCC7C6
RGB	252, 199, 198
RGB Percent	99%, 78%, 78%
CMY	0.0118, 0.2197, 0.2235
CMYK	0.00, 0.21, 0.21, 0.01
HSL	1°, 90%, 88%
HSV	1°, 21%, 99%
XYZ	70.7572, 65.6111, 62.3610
YIQ	214.7330, 31.9090, 10.9250

Conversions

Conversions Part 2

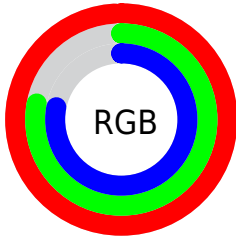
Format	Color
RYB	252, 199, 198
Decimal	16566214
CIELab	84.80, 18.68, 7.70
CIElCh	85, 20.206, 22.392
Yxy	65.6111, 0.3560, 0.3302
Android (android.graphics.Color)	4294756294 (0xFFFC7C6)
YUV	214.7330, -8.2494, 32.6832
Hunter-Lab	81.0007, 14.1752, 11.0542

Details

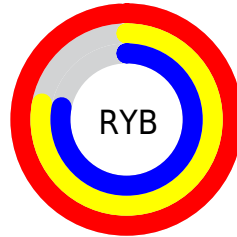
The RYB color **252, 199, 198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **198, 225, 252**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 145, 144** is the 20% darker color. If you saturate the color by 10%, you get **252, 174, 173**, and if you desaturate by 10%, it is **252, 224, 223**.

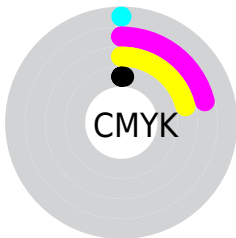
Distribution



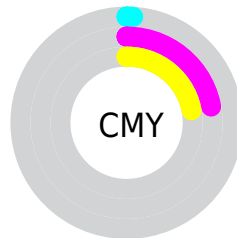
- Red (99%)
- Green (78%)
- Blue (78%)



- Red (99%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (21%)
- Black (1%)




- Cyan (1%)
- Magenta (22%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the RYB color 252, 199, 198 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, 199, 198 by changing the saturation by 10% instead.

 252, 199, 198

255, 255, 255


 252, 199, 198

 223, 172, 171


 195, 145, 144

 167, 119, 119

 140, 94, 94


 114, 70, 70

 88, 47, 48


 63, 26, 27

 42, 2, 0


 0, 0, 0

 252, 199, 198

 252, 199, 198

 252, 174, 173

 252, 224, 223

 252, 149, 148

 252, 248, 248

 252, 125, 122

 252, 254, 255

 252, 100, 97

 252, 75, 72

 252, 51, 47

 252, 26, 22

 252, 5, 0

Harmonies

Analogous

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



247, 199, 217



252, 199, 198



246, 213, 182

Triad

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



252, 199, 198



188, 220, 219



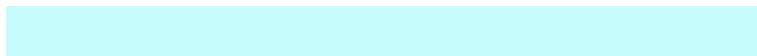
184, 205, 249

Complementary

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



252, 199, 198



198, 225, 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.



166, 197, 241



252, 199, 198



171, 202, 223

Square

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



252, 199, 198



176, 215, 180



161, 192, 225



209, 208, 247

Rectangle

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



252, 199, 198



235, 237, 176



161, 192, 225



177, 203, 248

Sweetspot

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



252, 199, 198



255, 240, 240



252, 198, 251



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



252, 199, 198



255, 190, 189



248, 252, 198



125, 113, 112



189, 3, 0



61, 1, 0

Inverse Universe

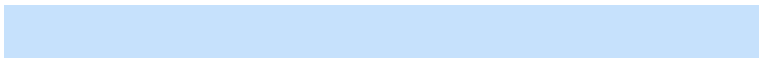
The Inverse Universe completely reimagines the original color for something new.



198, 225, 252



189, 222, 255



198, 216, 252



112, 119, 125



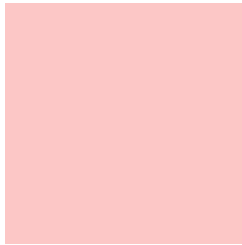
0, 93, 189



0, 30, 61

Previews

White Background



This preview shows how the RYB color 252, 199, 198 looks on a white background.

Color Contrast Check

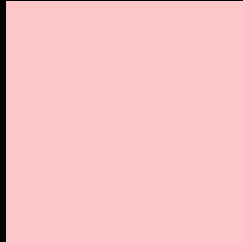
Large Text (above 18pt) WCAG AA × Fail

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, 199, 198 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](#).

RYP 252, 199, 198 Background



This preview shows how black text looks on a background with the RYP color 252, 199, 198.

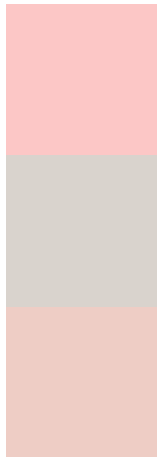


This preview shows how white text looks on a background with the RYP color 252, 199, 198.

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, 199, 198

Protanopia
217, 217, 205

Deuteranopia
238, 207, 197



Tritanopia
254, 197, 212

Trichromacy



Original Color

252, 199, 198

Protanomaly

230, 208, 202

Deuteranomaly

243, 204, 197

Tritanomaly

253, 198, 207

Monochromacy



Original Color

252, 199, 198

Achromatopsia

215, 215, 215

Achromatomaly

228, 209, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 199, 198 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, 199, 198)` looks like.

```
.text, #text, p{  
    color:rgb(252, 199, 198)  
}
```

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, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 199, 198) }
```

Border

The CSS property to change the border of an element to RYB 252, 199, 198 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, 199, 198) }
```

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

```
.border{ border-color:rgb(252, 199, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(252, 199,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 252, 199, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 199, 198) }
```

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

```
.background{ background-color: rgb(252,  
199, 198) }
```

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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