

Converting Colors

`RYB(252, 199, 221)`

Have a look what the booklet for
RYB(252, 199, 221) contains.

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Color

R_YB(252, 199, 221)

Conversions

Conversions Part 1

Format	Color
Hex	FCC7DD
RGB	252, 199, 221
RGB Percent	99%, 78%, 87%
CMY	0.0118, 0.2196, 0.1333
CMYK	0.00, 0.21, 0.12, 0.01
HSL	335°, 90%, 88%
HSV	335°, 21%, 99%
XYZ	73.6195, 66.7628, 77.4129
YIQ	217.3550, 24.5260, 18.0780

Conversions

Conversions Part 2

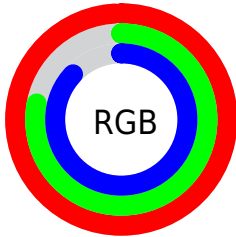
Format	Color
R _{YB}	252, 199, 221
Decimal	16566237
CIE Lab	85.38, 22.19, -3.70
CIE LCh	85, 22.492, 350.522
Yxy	66.7628, 0.3380, 0.3065
Android (android.graphics.Color)	4294756317 (0xFFFC7DD)
YUV	217.3550, 1.7970, 30.3837
Hunter-Lab	81.7085, 17.8389, 1.0229

Details

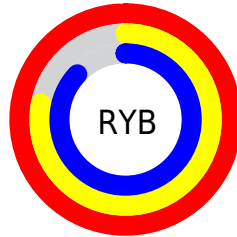
The RYB color **252, 199, 221** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **199, 232, 252**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 145, 166** is the 20% darker color. If you saturate the color by 10%, you get **252, 174, 206**, and if you desaturate by 10%, it is **252, 224, 236**.

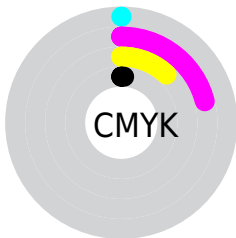
Distribution



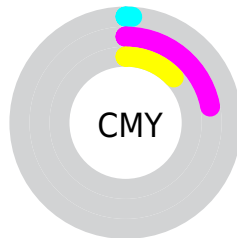
- Red (99%)
- Green (78%)
- Blue (87%)



- Red (99%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (1%)




- Cyan (1%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 199, 221 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, 221 by changing the saturation by 10% instead.

 252, 199, 221


255, 255, 255

 252, 199, 221

 223, 172, 193

 195, 145, 166

 167, 119, 140

 140, 94, 114


 114, 70, 90

 89, 47, 66


 65, 25, 44

 42, 2, 24


 6, 0, 0

 252, 199, 221


 252, 199, 221

 252, 174, 206

 252, 224, 236

 252, 149, 192

 252, 249, 250


 252, 123, 177

 252, 254, 255

 252, 98, 162

 252, 73, 147

 252, 48, 133

 252, 23, 118

 252, 0, 105

Harmonies

Analogous

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



234, 203, 241



252, 199, 221



255, 199, 199

Triad

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



252, 199, 221



173, 217, 176



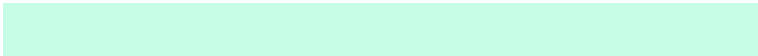
160, 196, 245

Complementary

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



252, 199, 221



199, 232, 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.



156, 191, 227



252, 199, 221



186, 222, 218

Square

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



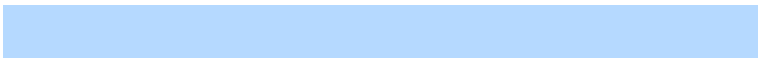
252, 199, 221



216, 236, 172



168, 202, 225



181, 205, 255

Rectangle

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



252, 199, 221



255, 205, 187



168, 202, 225



157, 194, 240

Sweetspot

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



252, 199, 221



255, 240, 246



230, 199, 252



128, 119, 122



0, 0, 0



128, 128, 128

Same Dimension

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



252, 199, 221



255, 191, 218



252, 203, 199



125, 112, 118



189, 0, 78



61, 0, 25

Inverse Universe

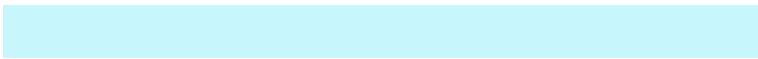
The Inverse Universe completely reimagines the original color for something new.



252, 199, 221



255, 191, 218



199, 224, 252



125, 112, 118



189, 0, 78



61, 0, 25

Previews

White Background



This preview shows how the RYB color 252, 199, 221 looks on a white background.

Color Contrast Check

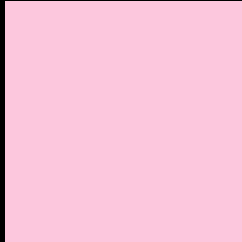
Large Text (above 18pt) WCAG AA × Fail

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, 221 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, 199, 221 Background



This preview shows how black text looks on a background with the RYB color 252, 199, 221.



This preview shows how white text looks on a background with the RYB color 252, 199, 221.

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, 221

Protanopia
213, 212, 229

Deuteranopia
232, 207, 219



Tritanopia
251, 200, 215

Trichromacy



Original Color
252, 199, 221

Protanomaly
227, 207, 226

Deuteranomaly
239, 204, 220

Tritanomaly
251, 200, 217

Monochromacy



Original Color
252, 199, 221

Achromatopsia
217, 217, 217

Achromatomaly
230, 210, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 199, 221 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(252, 199, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 199, 221) }
```

Border

The CSS property to change the border of an element to RYB 252, 199, 221 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, 221) }
```

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

```
.border{ border-color:rgb(252, 199, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 199, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 199, 221);  
box-shadow:4px 4px 4px 4px rgb(252, 199,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 252, 199, 221 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, 221) }
```

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

```
.background{ background-color: rgb(252,  
199, 221) }
```

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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