

Converting Colors

`RYB(252, 195, 249)`

Have a look what the booklet for RYB(252, 195, 249) contains.

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Color

R_YB(252, 195, 249)

Conversions

Conversions Part 1

Format	Color
Hex	FCC3F9
RGB	252, 195, 249
RGB Percent	99%, 76%, 98%
CMY	0.0118, 0.2353, 0.0235
CMYK	0.00, 0.23, 0.01, 0.01
HSL	303°, 90%, 88%
HSV	303°, 23%, 99%
XYZ	76.7589, 66.5652, 98.4253
YIQ	218.1990, 16.6380, 28.8780

Conversions

Conversions Part 2

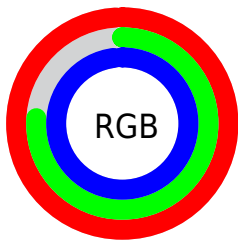
Format	Color
R _{YB}	252, 195, 249
Decimal	16565241
CIE Lab	85.28, 29.05, -18.75
CIE LCh	85, 34.580, 327.159
Yxy	66.5652, 0.3175, 0.2753
Android (android.graphics.Color)	4294755321 (0xFFFC3F9)
YUV	218.1990, 15.1849, 29.6435
Hunter-Lab	81.5875, 25.1576, -14.4148

Details

The RYB color **252, 195, 249** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **195, 249, 252**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 252, 255, and **195, 141, 192** is the 20% darker color. If you saturate the color by 10%, you get **252, 170, 248**, and if you desaturate by 10%, it is **252, 220, 250**.

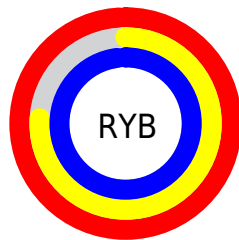
Distribution



Red (99%)

Green (76%)

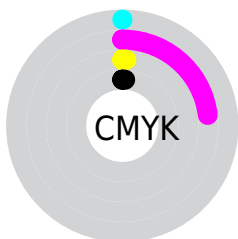
Blue (98%)



Red (99%)

Yellow (76%)

Blue (98%)

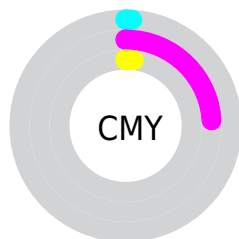


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (1%)



Cyan (1%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 195, 249 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, 195, 249 by changing the saturation by 10% instead.

 252, 195, 249

255, 255, 255


 255, 252, 255

 252, 195, 249

 223, 168, 220


 195, 141, 192

 167, 115, 165

 140, 90, 139

 114, 66, 113

 89, 42, 89

 65, 19, 65

 42, 0, 43

 11, 0, 22

■ 252, 195, 249

■ 252, 195, 249

■ 252, 170, 248

■ 252, 220, 250

■ 252, 145, 246

■ 252, 245, 252

■ 252, 119, 245

■ 252, 254, 255

■ 252, 94, 244

■ 252, 254, 255

■ 252, 69, 242

■ 252, 254, 255

■ 252, 44, 241

■ 252, 19, 240

■ 252, 0, 239

Harmonies

Analogous

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



214, 206, 255



252, 195, 249



255, 189, 217

Triad

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



252, 195, 249



191, 239, 148



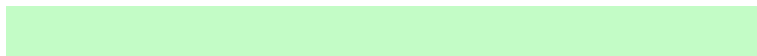
110, 173, 242

Complementary

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



252, 195, 249



195, 249, 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.



131, 187, 231



252, 195, 249



154, 220, 169

Square

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



252, 195, 249



255, 228, 159



167, 218, 227



124, 181, 255

Rectangle

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



252, 195, 249



255, 189, 195



167, 218, 227



114, 173, 231

Sweetspot

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



252, 195, 249



255, 237, 254



198, 195, 252



128, 117, 127



0, 0, 0



128, 128, 128

Same Dimension

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



252, 195, 249



255, 186, 251



252, 195, 221



125, 112, 124



189, 0, 179



61, 0, 58

Inverse Universe

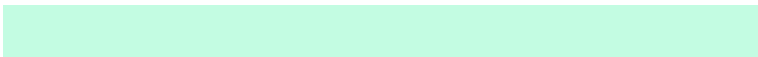
The Inverse Universe completely reimagines the original color for something new.



252, 195, 249



255, 186, 251



195, 232, 252



125, 112, 124



189, 0, 179



61, 0, 58

Previews

White Background



This preview shows how the RYB color 252, 195, 249 looks on a white background.

Color Contrast Check

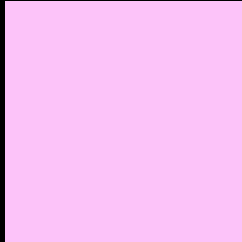
Large Text (above 18pt) WCAG AA × Fail

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, 195, 249 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, 195, 249 Background



This preview shows how black text looks on a background with the RYB color 252, 195, 249.



This preview shows how white text looks on a background with the RYB color 252, 195, 249.

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, 195, 249

Protanopia
204, 211, 255

Deuteranopia
218, 208, 247



Tritanopia
247, 201, 216

Trichromacy



Original Color

252, 195, 249



Protanomaly

221, 206, 253



Deuteranomaly

230, 203, 248



Tritanomaly

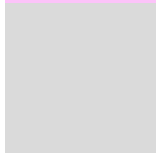
249, 199, 228

Monochromacy



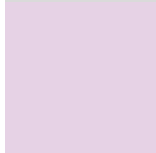
Original Color

252, 195, 249



Achromatopsia

218, 218, 218



Achromatomaly

230, 210, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 195, 249 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, 195, 249) looks like.

```
.text, #text, p{  
    color:rgb(252, 195, 249)  
}
```

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, 195, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 195, 249) }
```

Border

The CSS property to change the border of an element to RYB 252, 195, 249 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, 195, 249) }
```

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

```
.border{ border-color:rgb(252, 195, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 195, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 195, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 195, 249);  
box-shadow:4px 4px 4px 4px rgb(252, 195,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 252, 195, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 195, 249) }
```

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

```
.background{ background-color: rgb(252,  
195, 249) }
```

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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