

Converting Colors

`RYB(254, 223, 246)`

Have a look what the booklet for
RYB(254, 223, 246) contains.

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Color

R_YB(254, 223, 246)

Conversions

Conversions Part 1

Format	Color
Hex	FEDFF6
RGB	254, 223, 246
RGB Percent	100%, 87%, 96%
CMY	0.0039, 0.1255, 0.0353
CMYK	0.00, 0.12, 0.03, 0.00
HSL	315°, 94%, 94%
HSV	315°, 12%, 100%
XYZ	83.8953, 80.5000, 98.3051
YIQ	234.8910, 11.0930, 13.7250

Conversions

Conversions Part 2

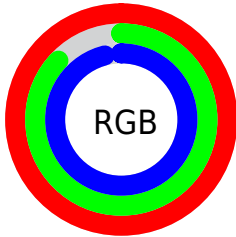
Format	Color
R_{YB}	254, 223, 246
Decimal	16703478
CIE _{Lab}	91.91, 14.50, -7.25
CIE _{LCh}	92, 16.215, 333.433
Yxy	80.5000, 0.3194, 0.3064
Android (android.graphics.Color)	4294893558 (0xFFFE _{DF} F6)
YUV	234.8910, 5.4767, 16.7586
Hunter-Lab	89.7218, 9.8951, -2.1568

Details

The RYB color **254, 223, 246** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **223, 248, 254**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **197, 168, 190** is the 20% darker color. If you saturate the color by 10%, you get **254, 198, 239**, and if you desaturate by 10%, it is **254, 248, 253**.

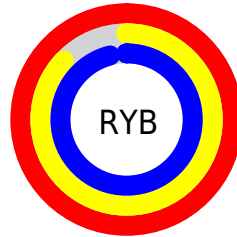
Distribution



Red (100%)

Green (87%)

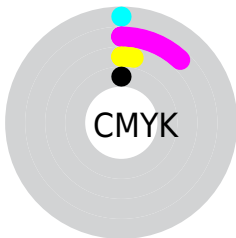
Blue (96%)



Red (100%)

Yellow (87%)

Blue (96%)

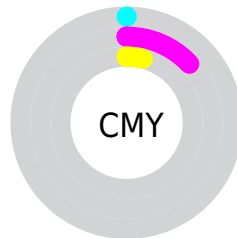


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 223, 246 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 254, 223, 246 by changing the saturation by 10% instead.

 254, 223, 246

255, 255, 255

 254, 223, 246

 225, 195, 218

 197, 168, 190

 170, 141, 163

 143, 116, 136

 117, 91, 111

 93, 67, 87

 69, 45, 63

 46, 24, 41

 27, 0, 21

254, 223, 246

254, 223, 246

254, 198, 239

254, 248, 253

254, 172, 233

254, 255, 255

254, 147, 226

254, 121, 220

254, 96, 213

254, 71, 207

254, 45, 200

254, 20, 194

254, 0, 188

Harmonies

Analogous

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



237, 227, 255



254, 223, 246



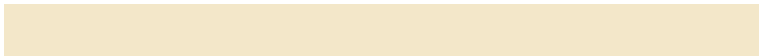
255, 221, 230

Triad

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



254, 223, 246



218, 243, 201



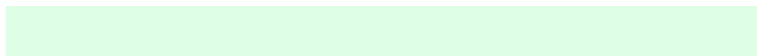
192, 218, 248

Complementary

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



254, 223, 246



223, 248, 254

Split Complementary

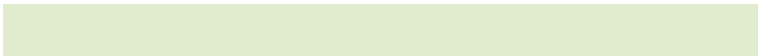
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



195, 220, 241



254, 223, 246



206, 236, 217

Square

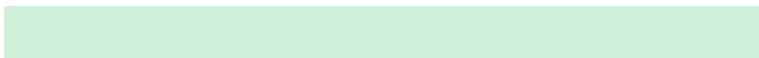
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



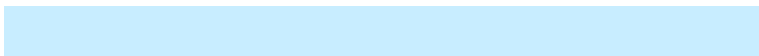
254, 223, 246



255, 243, 204



208, 233, 240



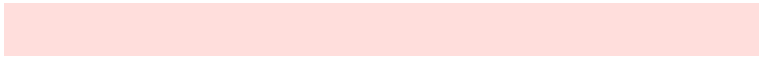
200, 222, 255

Rectangle

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



254, 223, 246



255, 222, 220



208, 233, 240



192, 217, 244

Sweetspot

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



254, 223, 246



255, 245, 252



231, 223, 254



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



254, 223, 246



255, 217, 245



254, 223, 231



128, 115, 124



191, 0, 142



64, 0, 47

Inverse Universe

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



254, 223, 246



255, 217, 245



223, 241, 254



128, 115, 124



191, 0, 142



64, 0, 47

Previews

White Background



This preview shows how the RYB color 254, 223, 246 looks on a white background.

Color Contrast Check

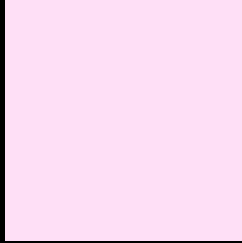
Large Text (above 18pt) WCAG AA × Fail

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 254, 223, 246 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 254, 223, 246 Background



This preview shows how black text looks on a background with the RYB color 254, 223, 246.



This preview shows how white text looks on a background with the RYB color 254, 223, 246.

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
254, 223, 246

Protanopia
231, 230, 251

Deuteranopia
248, 225, 246



Tritanopia
253, 224, 241

Trichromacy



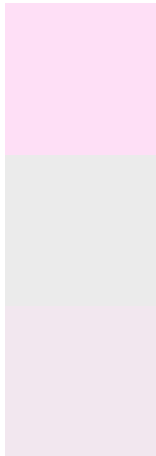
Original Color
254, 223, 246

Protanomaly
239, 227, 249

Deuteranomaly
250, 224, 246

Tritanomaly
253, 224, 243

Monochromacy



Original Color
254, 223, 246

Achromatopsia
235, 235, 235

Achromatomaly
242, 231, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 223, 246 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(254, 223, 246) looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 246)  
}
```

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(254, 223, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 246) }
```

Border

The CSS property to change the border of an element to RYB 254, 223, 246 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(254, 223, 246) }
```

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

```
.border{ border-color:rgb(254, 223, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 246);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 254, 223, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 246) }
```

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

```
.background{ background-color: rgb(254,  
223, 246) }
```

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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