

Converting Colors

`RYB(243, 220, 247)`

Have a look what the booklet for RYB(243, 220, 247) contains.

RYB(243, 220, 247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(243, 220, 247)

Conversions

Conversions Part 1

Format	Color
Hex	F3DCF7
RGB	243, 220, 247
RGB Percent	95%, 86%, 97%
CMY	0.0471, 0.1373, 0.0314
CMYK	0.02, 0.11, 0.00, 0.03
HSL	291°, 63%, 92%
HSV	291°, 11%, 97%
XYZ	79.3438, 76.9565, 98.6679
YIQ	229.9550, 5.0410, 13.2730

Conversions

Conversions Part 2

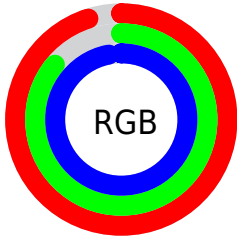
Format	Color
R _Y B	243, 220, 247
Decimal	15981815
CIE Lab	90.30, 12.59, -10.26
CIE LCh	90, 16.245, 320.831
Yxy	76.9565, 0.3112, 0.3018
Android (android.graphics.Color)	4294171895 (0xFFF3DCF7)
YUV	229.9550, 8.4032, 11.4405
Hunter-Lab	87.7248, 7.9281, -5.2786

Details

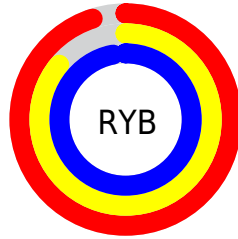
The RYB color **243, 220, 247** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **220, 247, 243**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **187, 165, 191** is the 20% darker color. If you saturate the color by 10%, you get **239, 195, 247**, and if you desaturate by 10%, it is **247, 245, 247**.

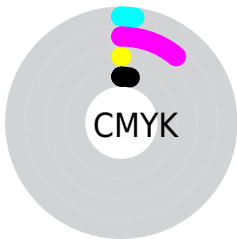
Distribution



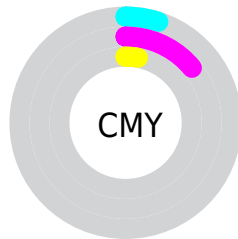
- Red (95%)
- Green (86%)
- Blue (97%)



- Red (95%)
- Yellow (86%)
- Blue (97%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 220, 247 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 243, 220, 247 by changing the saturation by 10% instead.


 243, 220, 247

255, 255, 255

 243, 220, 247

 215, 192, 218

 187, 165, 191

 160, 139, 164


 133, 113, 137

 108, 89, 112

 84, 65, 87

 60, 43, 64

 38, 22, 42

 19, 0, 22

 243, 220, 247


 243, 220, 247

 239, 195, 247


 247, 245, 247

 236, 171, 247

 247, 255, 252


 232, 146, 247

 247, 255, 248


 228, 121, 247


 247, 255, 247

 225, 97, 247

 221, 72, 247

 217, 47, 247

 214, 22, 247

 210, 0, 247

Harmonies

Analogous

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



224, 225, 255



243, 220, 247



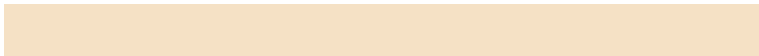
255, 217, 233

Triad

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



243, 220, 247



231, 245, 197



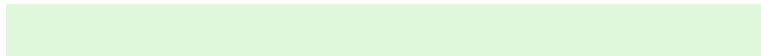
188, 212, 238

Complementary

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



243, 220, 247



220, 247, 243

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, 236



243, 220, 247



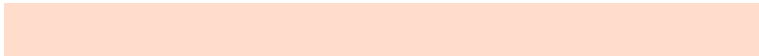
198, 230, 200

Square

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



243, 220, 247



255, 227, 204



207, 234, 231



191, 216, 251

Rectangle

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



243, 220, 247



255, 217, 222



207, 234, 231



189, 214, 237

Sweetspot

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



243, 220, 247



254, 247, 255



220, 223, 247



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



243, 220, 247



250, 222, 255



247, 220, 238



121, 110, 122



159, 0, 186



50, 0, 59

Inverse Universe

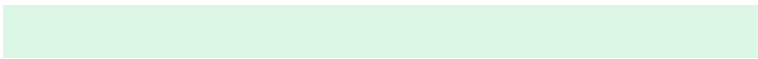
The Inverse Universe completely reimagines the original color for something new.



247, 220, 224



255, 222, 227



220, 240, 247



122, 110, 112



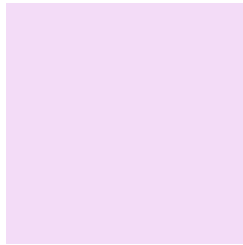
186, 0, 28



59, 0, 9

Previews

White Background



This preview shows how the RYB color 243, 220, 247 looks on a white background.

Color Contrast Check

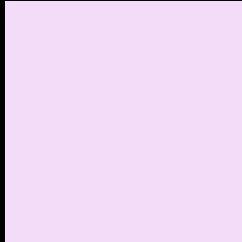
Large Text (above 18pt) WCAG AA × Fail

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 243, 220, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

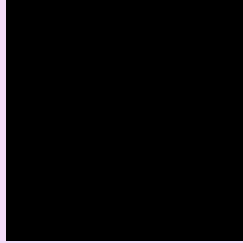
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

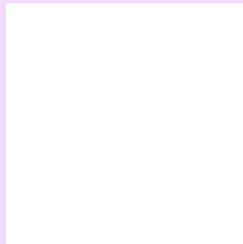
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 243, 220, 247 Background



This preview shows how black text looks on a background with the RYB color 243, 220, 247.



This preview shows how white text looks on a background with the RYB color 243, 220, 247.

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
243, 220, 247

Protanopia
225, 226, 251

Deuteranopia
240, 221, 247



Tritanopia

242, 221, 239

Trichromacy



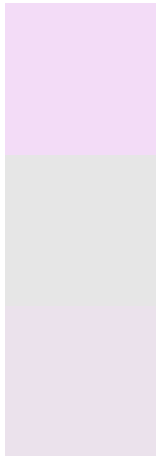
Original Color
243, 220, 247

Protanomaly
232, 224, 250

Deuteranomaly
241, 221, 247

Tritanomaly
242, 221, 242

Monochromacy



Original Color
243, 220, 247

Achromatopsia
230, 230, 230

Achromatomaly
235, 226, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 220, 247 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(243, 220, 247) looks like.

```
.text, #text, p{  
    color:rgb(243, 220, 247)  
}
```

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(243, 220, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 220, 247) }
```

Border

The CSS property to change the border of an element to RYB 243, 220, 247 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(243, 220, 247) }
```

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

```
.border{ border-color:rgb(243, 220, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 220, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 220, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 220, 247);  
box-shadow:4px 4px 4px 4px rgb(243, 220,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 243, 220, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 220, 247) }
```

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

```
.background{ background-color: rgb(243,  
220, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor