

Converting Colors

`RYB(243, 217, 246)`

Have a look what the booklet for RYB(243, 217, 246) contains.

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Color

R_YB(243, 217, 246)

Conversions

Conversions Part 1

Format	Color
Hex	F3D9F6
RGB	243, 217, 246
RGB Percent	95%, 85%, 96%
CMY	0.0471, 0.1490, 0.0353
CMYK	0.01, 0.12, 0.00, 0.04
HSL	294°, 62%, 91%
HSV	294°, 12%, 96%
XYZ	78.4096, 75.3342, 97.5971
YIQ	228.0800, 6.1870, 14.5310

Conversions

Conversions Part 2

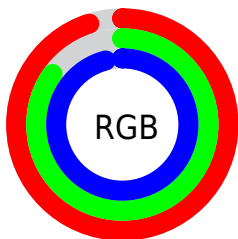
Format	Color
R _Y B	243, 217, 246
Decimal	15981046
CIE Lab	89.55, 13.98, -10.85
CIE LCh	90, 17.701, 322.176
Yxy	75.3342, 0.3120, 0.2997
Android (android.graphics.Color)	4294171126 (0xFFFF3D9F6)
YUV	228.0800, 8.8346, 13.0848
Hunter-Lab	86.7953, 9.3625, -5.9120

Details

The RYB color **243, 217, 246** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **217, 246, 243**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **187, 162, 190** is the 20% darker color. If you saturate the color by 10%, you get **240, 192, 246**, and if you desaturate by 10%, it is **246, 242, 246**.

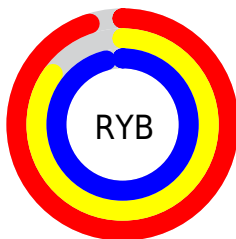
Distribution



Red (95%)

Green (85%)

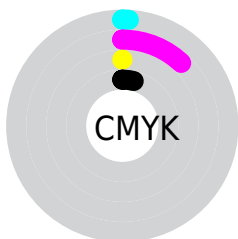
Blue (96%)



Red (95%)

Yellow (85%)

Blue (96%)

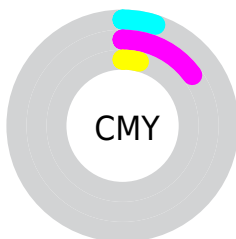


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (5%)

Magenta (15%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 217, 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 243, 217, 246 by changing the saturation by 10% instead.

■ 243, 217, 246

255, 255, 255

■ 243, 217, 246

■ 215, 189, 218

■ 187, 162, 190

■ 160, 136, 163

■ 133, 110, 136

■ 108, 86, 111

■ 84, 63, 87


■ 60, 40, 63

■ 38, 20, 41

■ 18, 0, 21

 243, 217, 246

 243, 217, 246

 240, 192, 246

 246, 242, 246

 238, 168, 246

 246, 255, 253

 235, 143, 246

 246, 255, 250

 233, 119, 246

 246, 255, 248


 230, 94, 246

 246, 255, 246

 228, 69, 246

 225, 45, 246

 223, 20, 246

 221, 0, 246

Harmonies

Analogous

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



223, 222, 255



243, 217, 246



255, 214, 230

Triad

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



243, 217, 246



228, 243, 192



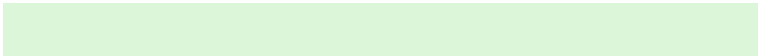
181, 208, 237

Complementary

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



243, 217, 246



217, 246, 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.



189, 216, 235



243, 217, 246



194, 228, 197

Square

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



243, 217, 246



255, 226, 199



204, 232, 230



186, 213, 251

Rectangle

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



243, 217, 246



255, 214, 219



204, 232, 230



183, 210, 235

Sweetspot

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



243, 217, 246



254, 245, 255



217, 220, 246



127, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



243, 217, 246



251, 219, 255



246, 217, 235



121, 110, 122



167, 0, 186



53, 0, 59

Inverse Universe

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



246, 217, 220



255, 219, 223



217, 238, 246



122, 110, 111



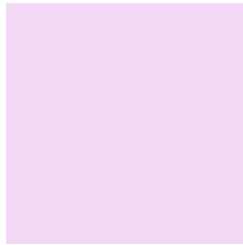
186, 0, 19



59, 0, 6

Previews

White Background



This preview shows how the RYB color 243, 217, 246 looks on a white background.

Color Contrast Check

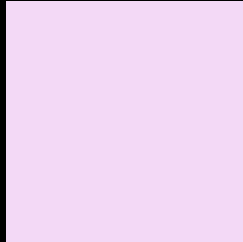
Large Text (above 18pt) WCAG AA × Fail

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 243, 217, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

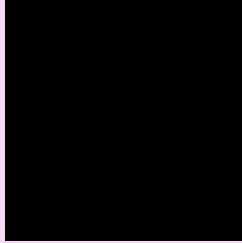
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

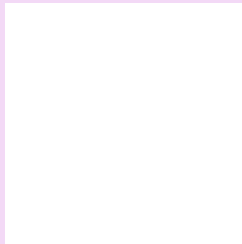
Any Text WCAG AAA ✓ Pass

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

RYB 243, 217, 246 Background



This preview shows how black text looks on a background with the RYB color 243, 217, 246.

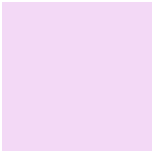




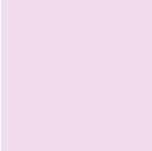
This preview shows how white text looks on a background with the RYB color 243, 217, 246.

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 243, 217, 246
	Protanopia 222, 224, 250
	Deuteranopia 238, 219, 246



Tritanopia
241, 219, 236

Trichromacy



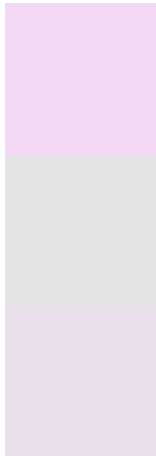
Original Color
243, 217, 246

Protanomaly
230, 221, 249

Deuteranomaly
240, 218, 246

Tritanomaly
242, 218, 240

Monochromacy



Original Color
243, 217, 246

Achromatopsia
228, 228, 228

Achromatomaly
233, 224, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 217, 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(243, 217, 246) looks like.

```
.text, #text, p{  
    color:rgb(243, 217, 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(243, 217, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 217, 246) }
```

Border

The CSS property to change the border of an element to RYB 243, 217, 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(243, 217, 246) }
```

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

```
.border{ border-color:rgb(243, 217, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 217, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 217, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 217, 246);  
box-shadow:4px 4px 4px 4px rgb(243, 217,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 243, 217, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 217, 246) }
```

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

```
.background{ background-color: rgb(243,  
217, 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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