Converting Colors

RYB(243, 219, 234)

Have a look what the booklet for RYB(243, 219, 234) contains.

Color

RYB(243, 219, 234)

Conversions

Format	Color
Hex	F3DBEA
RGB	243, 219, 234
RGB Percent	95%, 86%, 92%
CMY	0.0471, 0.1412, 0.0824
CMYK	0.00, 0.10, 0.04, 0.05
HSL	322°, 50%, 91%
HSV	322°, 10%, 95%
XYZ	77.1449, 75.6582, 88.3794
YIQ	227.8860, 9.4890, 9.7530

Conversions Part 1

Conversions

Conversions Part 2

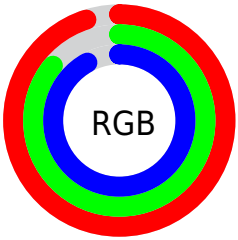
Format	Color
RYB	243, 219, 234
Decimal	15981546
CIELab	89.70, 10.80, -4.32
CIELCh	90, 11.629, 338.184
Yxy	75.6582, 0.3199, 0.3137
Android (android.graphics.Color)	4294171626 (0xFFF3DBEA)
YUV	227.8860, 3.0142, 13.2550
Hunter-Lab	86.9817, 6.0953, 0.6445

Details

The RYB color 243, 219, 234 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 219, 236, 243, and the grayscale version is 228, 228, 228.

A 20% lighter version of the original color is 255, 255, 255, and 187, 164, 178 is the 20% darker color. If you saturate the color by 10%, you get 243, 195, 225, and if you desaturate by 10%, it is 243, 243, 243.

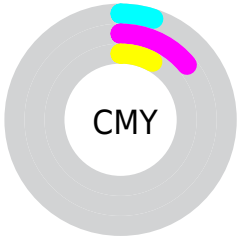
Distribution



- Red (95%)
- Green (86%)
- Blue (92%)

- Red (95%)
- Yellow (86%)
- Blue (92%)

- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 219, 234 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, 219, 234 by changing the saturation by 10% instead.

243, 219, 234

255, 255, 255

243, 219, 234

215, 191, 206

187, 164, 178

160, 138, 152

133, 112, 126

108, 88, 101

84, 64, 77

60, 42, 54

38, 22, 33

18, 0, 10

243, 219, 234

243, 195, 225

243, 170, 216

243, 146, 207

243, 122, 198

243, 97, 188

243, 73, 179

243, 49, 170

243, 25, 161

243, 0, 152

243, 219, 234

243, 243, 243

243, 250, 255

243, 249, 255

Harmonies

Analogous

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

232, 222, 243

243, 219, 234

249, 218, 223

Triad

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

243, 219, 234

212, 232, 204

199, 217, 239

Complementary

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

243, 219, 234

219, 236, 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.

199, 217, 232

243, 219, 234

208, 229, 218

Square

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

243, 219, 234

243, 236, 205

207, 224, 231

205, 220, 246

Rectangle

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

243, 219, 234

250, 220, 215

207, 224, 231

198, 216, 236

Sweetspot

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

243, 219, 234

255, 247, 252

228, 219, 243

128, 122, 126

0, 0, 0

128, 128, 128

Same Dimension

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

243, 219, 234

255, 224, 244

243, 219, 222

122, 110, 118

186, 0, 116

59, 0, 37

Inverse Universe

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

243, 219, 234

255, 224, 244

219, 232, 243

122, 110, 118

186, 0, 116

59, 0, 37

Previews

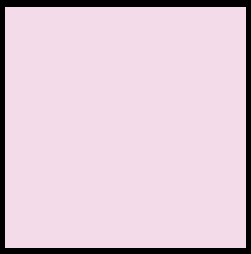
White Background

This preview shows how the RYB color 243, 219, 234 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



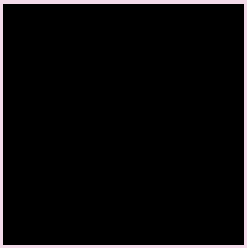
This preview shows how the RYB color 243, 219, 234 looks on a black background.

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, 219, 234 Background



This preview shows how black text looks on a background with the RYB color 243, 219, 234.

This preview shows how white text looks on a background with the RYB color 243, 219, 234.

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, 219, 234

Protanopia
226, 224, 237

Deuteranopia
244, 219, 234

Tritanopia
243, 219, 236

Trichromacy

Original Color
243, 219, 234

Protanomaly
232, 222, 236

Deuteranomaly
244, 219, 234

Tritanomaly
243, 219, 235

Monochromacy

Original Color
243, 219, 234

Achromatopsia
228, 228, 228

Achromatomaly
233, 225, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 219, 234 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, 219, 234) looks like.

```
.text, #text, p{
    color:rgb(243, 219, 234)
}
```

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, 219, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 219, 234) }
```

Border

The CSS property to change the border of an element to RYB 243, 219, 234 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, 219, 234) }
```

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

```
.border{ border-color:rgb(243, 219, 234) }
```

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

Here you see how a box with a 4 pixel rgb(243, 219, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 219, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 219, 234); box-shadow:4px 4px 4px 4px rgb(243, 219, 234) }
```

Background

The CSS property to change the background color of an element to RYB 243, 219, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(243, 219, 234) }
```

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

```
.background{ background-color:rgb(243,
219, 234) }
```

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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