

Converting Colors

`RYB(244, 227, 242)`

Have a look what the booklet for
RYB(244, 227, 242) contains.

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Color

R_YB(244, 227, 242)

Conversions

Conversions Part 1

Format	Color
Hex	F4E3F2
RGB	244, 227, 242
RGB Percent	96%, 89%, 95%
CMY	0.0431, 0.1098, 0.0510
CMYK	0.00, 0.07, 0.01, 0.04
HSL	307°, 44%, 92%
HSV	307°, 7%, 96%
XYZ	80.8043, 80.5821, 95.2995
YIQ	233.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

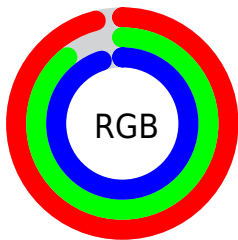
Format	Color
R_{YB}	244, 227, 242
Decimal	16049138
CIE Lab	91.95, 8.38, -5.20
CIE LCh	92, 9.862, 328.189
Yxy	80.5821, 0.3148, 0.3139
Android (android.graphics.Color)	4294239218 (0xFF4E3F2)
YUV	233.7930, 4.0461, 8.9515
Hunter-Lab	89.7675, 3.5838, -0.1065

Details

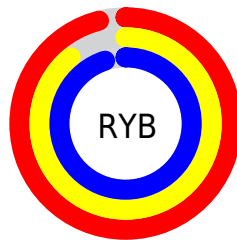
The RYB color `244, 227, 242` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `227, 242, 244`, and the grayscale version is `234, 234, 234`.

A 20% lighter version of the original color is `255, 255, 255`, and `188, 172, 186` is the 20% darker color. If you saturate the color by 10%, you get `244, 203, 239`, and if you desaturate by 10%, it is `244, 250, 251`.

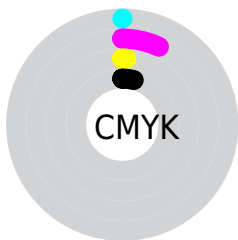
Distribution



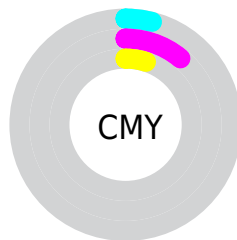
- Red (96%)
- Green (89%)
- Blue (95%)



- Red (96%)
- Yellow (89%)
- Blue (95%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 227, 242 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 244, 227, 242 by changing the saturation by 10% instead.

 244, 227, 242

255, 255, 255

 244, 227, 242


 216, 199, 214

 188, 172, 186

 161, 145, 159

 135, 119, 133

 109, 95, 108

 85, 71, 83

 62, 49, 60

 40, 28, 39


 20, 1, 18

 244, 227, 242


 244, 227, 242

 244, 203, 239


 244, 250, 251

 244, 178, 236


 244, 252, 255

 244, 154, 233

 244, 251, 255


 244, 129, 231

 244, 250, 255

 244, 105, 228

 244, 250, 255

 244, 81, 225

 244, 56, 222

 244, 32, 219

 244, 7, 216

Harmonies

Analogous

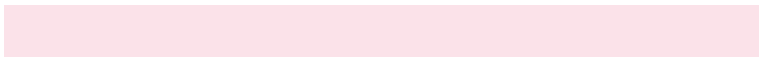
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 230, 249



244, 227, 242



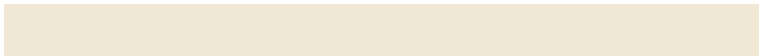
251, 226, 233

Triad

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



244, 227, 242



229, 241, 213



209, 224, 240

Complementary

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



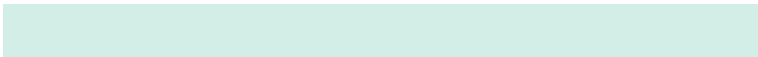
244, 227, 242



227, 242, 244

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.



211, 227, 238



244, 227, 242



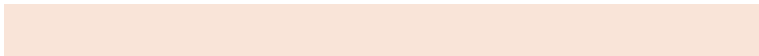
215, 234, 219

Square

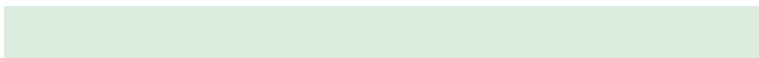
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244, 227, 242



249, 235, 216



219, 233, 236



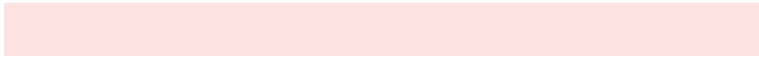
212, 226, 248

Rectangle

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



244, 227, 242



253, 226, 226



219, 233, 236



209, 224, 238

Sweetspot

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



244, 227, 242



255, 250, 254



229, 227, 244



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



244, 227, 242



255, 235, 253



244, 227, 234



122, 110, 121



186, 0, 164



59, 0, 52

Inverse Universe

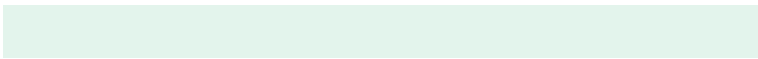
The Inverse Universe completely reimagines the original color for something new.



244, 227, 242



255, 235, 253



227, 238, 244



122, 110, 121



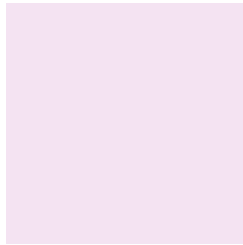
186, 0, 164



59, 0, 52

Previews

White Background



This preview shows how the RYB color 244, 227, 242 looks on a white background.

Color Contrast Check

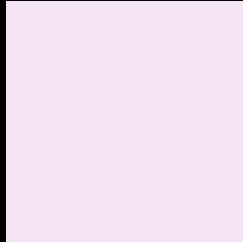
Large Text (above 18pt) WCAG AA × Fail

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 244, 227, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

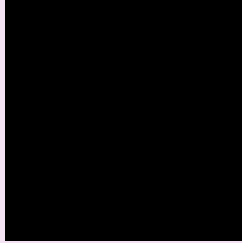
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

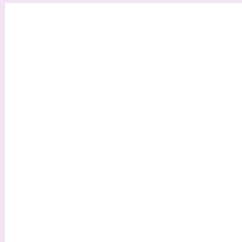
Any Text WCAG AAA ✓ Pass

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

RYB 244, 227, 242 Background



This preview shows how black text looks on a background with the RYB color 244, 227, 242.



This preview shows how white text looks on a background with the RYB color 244, 227, 242.

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
[244](#), [227](#), [242](#)

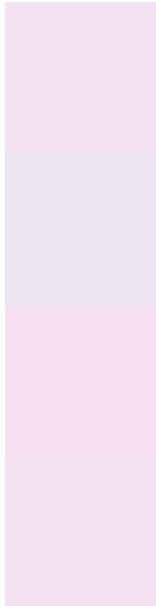
Protanopia
[232](#), [231](#), [244](#)

Deuteranopia
[250](#), [225](#), [242](#)



Tritanopia
244, 227, 244

Trichromacy



Original Color

244, 227, 242

Protanomaly

236, 230, 243

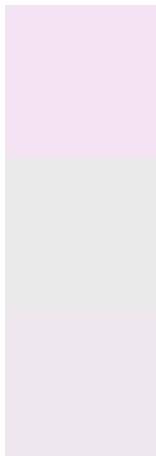
Deuteranomaly

248, 226, 242

Tritanomaly

244, 227, 243

Monochromacy



Original Color

244, 227, 242

Achromatopsia

234, 234, 234

Achromatomaly

238, 231, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 227, 242 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(244, 227, 242) looks like.

```
.text, #text, p{  
    color:rgb(244, 227, 242)  
}
```

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(244, 227, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 227, 242) }
```

Border

The CSS property to change the border of an element to RYB 244, 227, 242 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(244, 227, 242) }
```

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

```
.border{ border-color:rgb(244, 227, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 227, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 227, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 227, 242);  
box-shadow:4px 4px 4px 4px rgb(244, 227,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 244, 227, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 227, 242) }
```

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

```
.background{ background-color: rgb(244,  
227, 242) }
```

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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