

Converting Colors

`RYB(242, 217, 242)`

Have a look what the booklet for
RYB(242, 217, 242) contains.

| | |
|--|----|
| RYB(242, 217, 242) | 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(242, 217, 242)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2D9F2 |
| RGB | 242, 217, 242 |
| RGB Percent | 95%, 85%, 95% |
| CMY | 0.0510, 0.1490, 0.0510 |
| CMYK | 0.00, 0.10, 0.00, 0.05 |
| HSL | 300°, 49%, 90% |
| HSV | 300°, 10%, 95% |
| XYZ | 77.4578, 74.9138, 94.3817 |
| YIQ | 227.3250, 6.8750, 13.0750 |

Conversions

Conversions Part 2

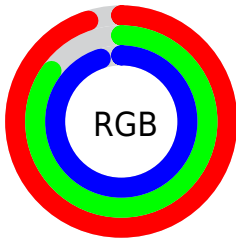
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 242, 217, 242 |
| Decimal | 15915506 |
| CIE Lab | 89.35, 12.92, -9.05 |
| CIE LCh | 89, 15.780, 324.993 |
| Yxy | 74.9138, 0.3139, 0.3036 |
| Android (android.graphics.Color) | 4294105586 (0xFFFF2D9F2) |
| YUV | 227.3250, 7.2348, 12.8700 |
| Hunter-Lab | 86.5527, 8.2760, -4.0661 |

Details

The RYB color **242, 217, 242** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **217, 242, 242**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 162, 186** is the 20% darker color. If you saturate the color by 10%, you get **242, 193, 242**, and if you desaturate by 10%, it is **242, 241, 242**.

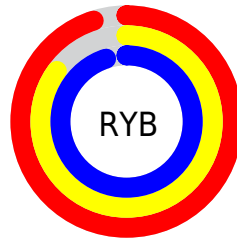
Distribution



Red (95%)

Green (85%)

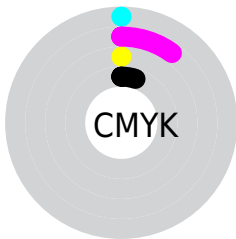
Blue (95%)



Red (95%)

Yellow (85%)

Blue (95%)

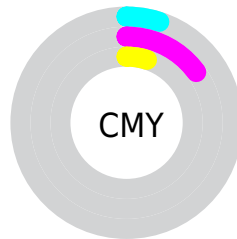


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 242, 217, 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 242, 217, 242 by changing the saturation by 10% instead.


 242, 217, 242

255, 255, 255

 242, 217, 242

 214, 189, 214

 186, 162, 186


 159, 136, 159

 133, 110, 133

 107, 86, 108

 83, 63, 83


 60, 41, 60

 38, 20, 38


 16, 0, 18

 242, 217, 242


 242, 217, 242


 242, 193, 242

 242, 241, 242


 242, 169, 242

 242, 255, 255


 242, 144, 242

 242, 120, 242

 242, 96, 242

 242, 72, 242

 242, 48, 242

 242, 23, 242

 242, 0, 242

Harmonies

Analogous

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



224, 222, 252



242, 217, 242



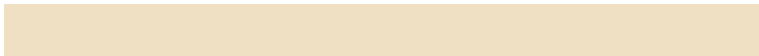
254, 214, 228

Triad

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



242, 217, 242



220, 239, 195



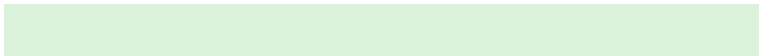
186, 210, 237

Complementary

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



242, 217, 242



217, 242, 242

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.



192, 216, 233



242, 217, 242



197, 227, 201

Square

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



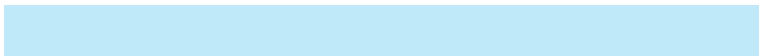
242, 217, 242



252, 228, 200



206, 230, 231



191, 215, 249

Rectangle

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



242, 217, 242



255, 214, 217



206, 230, 231



187, 210, 233

Sweetspot

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



242, 217, 242



255, 247, 255



217, 217, 242



128, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 217, 242



255, 224, 255



242, 217, 229



120, 108, 120



184, 0, 184



56, 0, 56

Inverse Universe

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



242, 217, 242



255, 224, 255



217, 234, 242



120, 108, 120



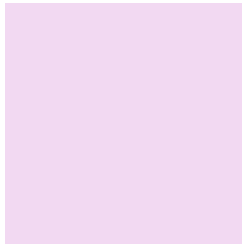
184, 0, 184



56, 0, 56

Previews

White Background



This preview shows how the RYB color 242, 217, 242 looks on a white background.

Color Contrast Check

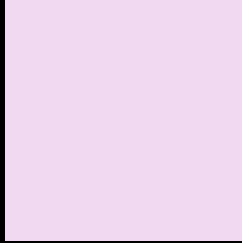
Large Text (above 18pt) WCAG AA × Fail

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 242, 217, 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

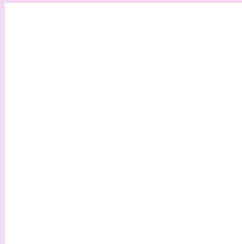
Any Text WCAG AAA ✓ Pass

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

RYB 242, 217, 242 Background



This preview shows how black text looks on a background with the RYB color 242, 217, 242.



This preview shows how white text looks on a background with the RYB color 242, 217, 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
[242](#), [217](#), [242](#)

Protanopia
[222](#), [223](#), [246](#)

Deuteranopia
[239](#), [218](#), [242](#)



Tritanopia
241, 218, 235

Trichromacy



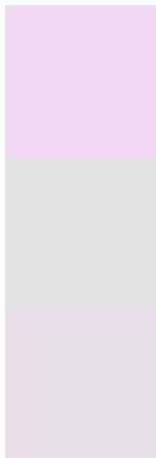
Original Color
242, 217, 242

Protanomaly
229, 221, 245

Deuteranomaly
240, 218, 242

Tritanomaly
241, 218, 238

Monochromacy



Original Color
242, 217, 242

Achromatopsia
227, 227, 227

Achromatomaly
232, 223, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 217, 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(242, 217, 242) looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 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(242, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 242) }
```

Border

The CSS property to change the border of an element to RYB 242, 217, 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(242, 217, 242) }
```

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

```
.border{ border-color:rgb(242, 217, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 242, 217, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 242) }
```

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

```
.background{ background-color: rgb(242,  
217, 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](#).

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