

Converting Colors

`RYB(224, 202, 242)`

Have a look what the booklet for RYB(224, 202, 242) contains.

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Color

R_YB(224, 202, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E0CAF2
RGB	224, 202, 242
RGB Percent	88%, 79%, 95%
CMY	0.1216, 0.2078, 0.0510
CMYK	0.07, 0.17, 0.00, 0.05
HSL	273°, 61%, 87%
HSV	273°, 17%, 95%
XYZ	67.8880, 64.4992, 92.8759
YIQ	213.1380, 0.2720, 17.1040

Conversions

Conversions Part 2

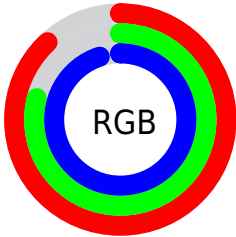
Format	Color
R _Y B	224, 202, 242
Decimal	14732018
CIE Lab	84.22, 14.94, -16.87
CIE LCh	84, 22.538, 311.525
Yxy	64.4992, 0.3014, 0.2863
Android (android.graphics.Color)	4292922098 (0xFFE0CAF2)
YUV	213.1380, 14.2290, 9.5260
Hunter-Lab	80.3114, 10.3430, -12.3478

Details

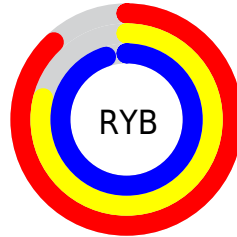
The RYB color **224, 202, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **202, 242, 224**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **169, 148, 186** is the 20% darker color. If you saturate the color by 10%, you get **213, 178, 242**, and if you desaturate by 10%, it is **235, 226, 242**.

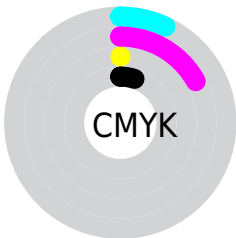
Distribution



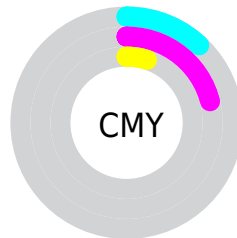
- Red (88%)
- Green (79%)
- Blue (95%)



- Red (88%)
- Yellow (79%)
- Blue (95%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 202, 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 224, 202, 242 by changing the saturation by 10% instead.

■ 224, 202, 242

255, 255, 255

■ 224, 202, 242

■ 196, 175, 214

■ 169, 148, 186

■ 142, 122, 159

■ 116, 97, 133

■ 91, 73, 107

■ 68, 51, 83


■ 45, 29, 60

■ 25, 6, 38


■ 0, 1, 16

 224, 202, 242


 224, 202, 242

 213, 178, 242


 235, 226, 242

 202, 154, 242

 242, 250, 246


 191, 129, 242

 242, 255, 242

 180, 105, 242

 170, 81, 242

 159, 57, 242

 148, 33, 242

 137, 8, 242

 133, 0, 242

Harmonies

Analogous

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



197, 207, 251



224, 202, 242



245, 197, 224

Triad

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



224, 202, 242



239, 237, 170



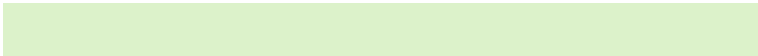
155, 190, 222

Complementary

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



224, 202, 242



202, 242, 224

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.



171, 204, 221



224, 202, 242



176, 218, 168

Square

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



224, 202, 242



252, 202, 183



178, 217, 201



154, 191, 237

Rectangle

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



224, 202, 242



252, 195, 210



178, 217, 201



159, 194, 222

Sweetspot

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



224, 202, 242



249, 242, 255



202, 214, 242



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 202, 242



232, 204, 255



242, 202, 240



114, 108, 120



101, 0, 184



31, 0, 56

Inverse Universe

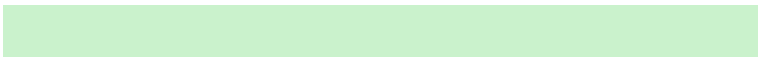
The Inverse Universe completely reimagines the original color for something new.



242, 202, 220



255, 204, 227



202, 240, 242



120, 108, 113



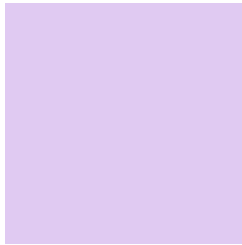
184, 0, 83



56, 0, 25

Previews

White Background



This preview shows how the RYB color 224, 202, 242 looks on a white background.

Color Contrast Check

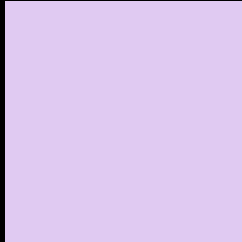
Large Text (above 18pt) WCAG AA × Fail

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 224, 202, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

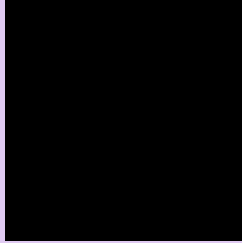
Any Text WCAG AA ✓ Pass

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](#).

R Y B 224, 202, 242 Background



This preview shows how black text looks on a background with the R Y B color 224, 202, 242.



This preview shows how white text looks on a background with the R Y B color 224, 202, 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 224, 202, 242
	Protanopia 203, 207, 246
	Deuteranopia 216, 205, 241



Tritanopia
221, 206, 222

Trichromacy



Original Color
224, 202, 242

Protanomaly
211, 206, 245

Deuteranomaly
219, 204, 241

Tritanomaly
222, 205, 229

Monochromacy



Original Color
224, 202, 242

Achromatopsia
213, 213, 213

Achromatomaly
217, 209, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 202, 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(224, 202, 242) looks like.

```
.text, #text, p{  
    color:rgb(224, 202, 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(224, 202, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 202, 242) }
```

Border

The CSS property to change the border of an element to RYB 224, 202, 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(224, 202, 242) }
```

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

```
.border{ border-color:rgb(224, 202, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 202, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 202, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 202, 242);  
box-shadow:4px 4px 4px 4px rgb(224, 202,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 224, 202, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 202, 242) }
```

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

```
.background{ background-color: rgb(224,  
202, 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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