

Converting Colors

`RYB(243, 213, 230)`

Have a look what the booklet for
RYB(243, 213, 230) contains.

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Color

R_YB(243, 213, 230)

Conversions

Conversions Part 1

Format	Color
Hex	F3D5E6
RGB	243, 213, 230
RGB Percent	95%, 84%, 90%
CMY	0.0471, 0.1647, 0.0980
CMYK	0.00, 0.12, 0.05, 0.05
HSL	326°, 56%, 89%
HSV	326°, 12%, 95%
XYZ	75.0393, 72.3564, 84.8741
YIQ	223.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

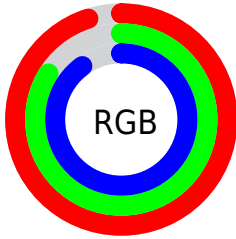
Format	Color
R _Y B	243, 213, 230
Decimal	15980006
CIE Lab	88.14, 13.24, -4.51
CIE LCh	88, 13.988, 341.180
Yxy	72.3564, 0.3231, 0.3115
Android (android.graphics.Color)	4294170086 (0xFFFF3D5E6)
YUV	223.9080, 3.0034, 16.7437
Hunter-Lab	85.0625, 8.6073, 0.3851

Details

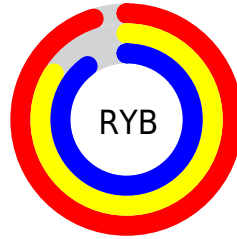
The RYB color **243, 213, 230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213, 234, 243**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **187, 158, 175** is the 20% darker color. If you saturate the color by 10%, you get **243, 189, 219**, and if you desaturate by 10%, it is **243, 237, 241**.

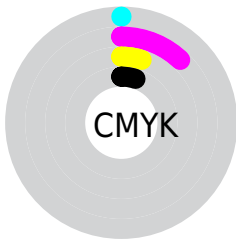
Distribution



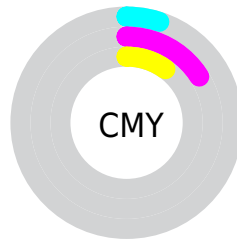
- Red (95%)
- Green (84%)
- Blue (90%)



- Red (95%)
- Yellow (84%)
- Blue (90%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RYB color 243, 213, 230 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, 213, 230 by changing the saturation by 10% instead.


 243, 213, 230

255, 255, 255

 243, 213, 230


 215, 185, 202


 187, 158, 175


 160, 132, 148

 133, 107, 122

 108, 83, 97

 83, 59, 74


 60, 37, 51

 38, 17, 30

 12, 0, 3

 243, 213, 230

 243, 213, 230

 243, 189, 219


 243, 237, 241


 243, 164, 209


 243, 250, 255


 243, 140, 198


 243, 249, 255

 243, 116, 188

 243, 92, 177

 243, 67, 167

 243, 43, 156

 243, 19, 146

 243, 0, 138

Harmonies

Analogous

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



230, 216, 241



243, 213, 230



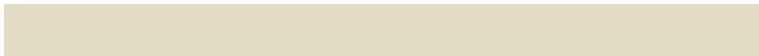
250, 212, 216

Triad

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



243, 213, 230



201, 227, 195



189, 211, 238

Complementary

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



243, 213, 230



213, 234, 243

Split Complementary

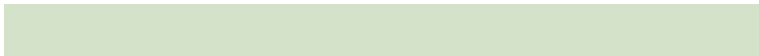
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



189, 210, 229



243, 213, 230



201, 226, 216

Square

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



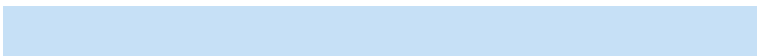
243, 213, 230



240, 236, 196



197, 218, 228



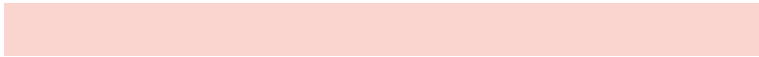
198, 215, 246

Rectangle

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



243, 213, 230



250, 214, 208



197, 218, 228



188, 209, 234

Sweetspot

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



243, 213, 230



255, 245, 251



226, 213, 243



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

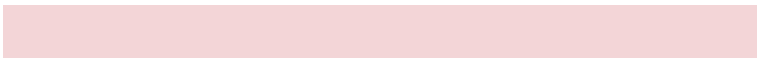
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243, 213, 230



255, 217, 238



243, 213, 215



122, 110, 117



186, 0, 105



59, 0, 33

Inverse Universe

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



243, 213, 230



255, 217, 238



213, 229, 243



122, 110, 117



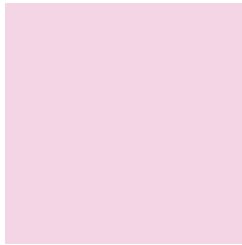
186, 0, 105



59, 0, 33

Previews

White Background



This preview shows how the RYB color 243, 213, 230 looks on a white background.

Color Contrast Check

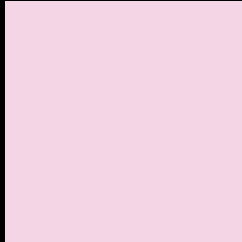
Large Text (above 18pt) WCAG AA × Fail

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, 213, 230 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 243, 213, 230 Background



This preview shows how black text looks on a background with the R Y B color 243, 213, 230.

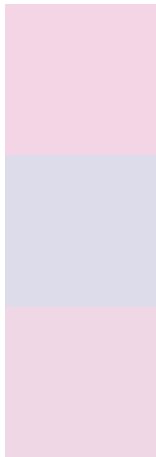


This preview shows how white text looks on a background with the R Y B color 243, 213, 230.

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, 213, 230

Protanopia
221, 220, 234

Deuteranopia
239, 215, 230



Tritanopia
243, 213, 230

Trichromacy



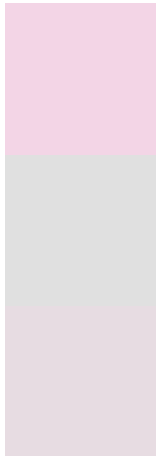
Original Color
243, 213, 230

Protanomaly
229, 217, 233

Deuteranomaly
240, 214, 230

Tritanomaly
243, 213, 230

Monochromacy



Original Color
243, 213, 230

Achromatopsia
224, 224, 224

Achromatomaly
231, 220, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 213, 230 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, 213, 230) looks like.

```
.text, #text, p{  
    color:rgb(243, 213, 230)  
}
```

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, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 213, 230) }
```

Border

The CSS property to change the border of an element to RYB 243, 213, 230 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, 213, 230) }
```

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

```
.border{ border-color:rgb(243, 213, 230) }
```

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

Here you see how a box with a 4 pixel rgb(243, 213, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 213,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 243, 213, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 213, 230) }
```

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

```
.background{ background-color: rgb(243,  
213, 230) }
```

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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