

Converting Colors

`RYB(242, 230, 203)`

Have a look what the booklet for
RYB(242, 230, 203) contains.

RYB(242, 230, 203)	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, 230, 203)

Conversions

Conversions Part 1

Format	Color
Hex	F2DBCBCB
RGB	242, 219, 203
RGB Percent	95%, 86%, 80%
CMY	0.0510, 0.1414, 0.2039
CMYK	0.00, 0.10, 0.16, 0.05
HSL	25°, 60%, 87%
HSV	25°, 16%, 95%
XYZ	72.7171, 73.8284, 66.9176
YIQ	224.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

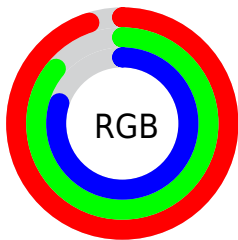
Format	Color
R _Y B	242, 230, 203
Decimal	15915979
CIE Lab	88.84, 5.40, 10.72
CIE LCh	89, 12.002, 63.264
Yxy	73.8284, 0.3407, 0.3459
Android (android.graphics.Color)	4294106059 (0xFFFF2DBC B)
YUV	224.0530, -10.3791, 15.7395
Hunter-Lab	85.9234, 0.6988, 13.9710

Details

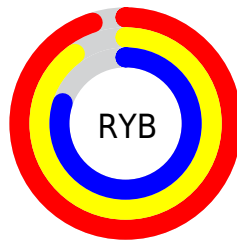
The RYB color **242, 230, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **203, 217, 242**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 174, 149** is the 20% darker color. If you saturate the color by 10%, you get **242, 223, 179**, and if you desaturate by 10%, it is **242, 237, 227**.

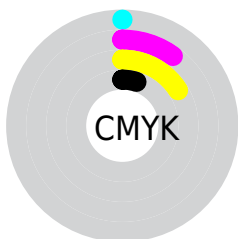
Distribution



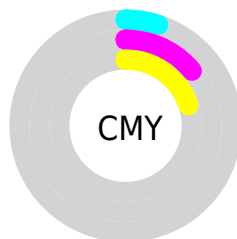
- Red (95%)
- Green (86%)
- Blue (80%)



- Red (95%)
- Yellow (90%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 230, 203 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, 230, 203 by changing the saturation by 10% instead.

■ 242, 230, 203

255, 255, 255

■ 242, 230, 203

■ 213, 201, 176

■ 186, 174, 149

■ 158, 149, 123

■ 132, 122, 98

■ 107, 98, 74

■ 82, 75, 52

■ 58, 53, 31

■ 35, 37, 6

■ 1, 0, 0

242, 230, 203

242, 230, 203

242, 223, 179

242, 237, 227

242, 214, 155

242, 246, 251

242, 208, 130

242, 249, 255

242, 201, 106

242, 191, 82

242, 185, 58

242, 178, 34

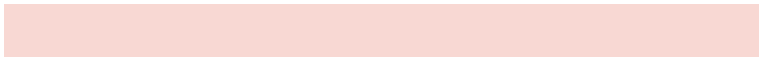
242, 172, 9

242, 168, 0

Harmonies

Analogous

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



248, 217, 211



242, 230, 203



211, 231, 200

Triad

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



242, 230, 203



197, 215, 230



227, 220, 242

Complementary

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



242, 230, 203



203, 217, 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.



213, 221, 246



242, 230, 203



195, 213, 235

Square

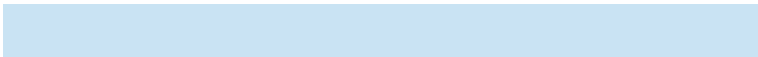
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 230, 203



206, 224, 229



201, 217, 243



239, 217, 234

Rectangle

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



242, 230, 203



202, 225, 204



201, 217, 243



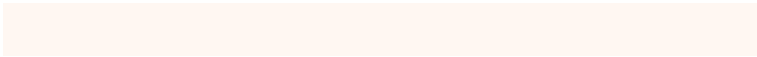
222, 221, 244

Sweetspot

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



242, 230, 203



255, 250, 242



242, 203, 226



128, 125, 120



0, 0, 0



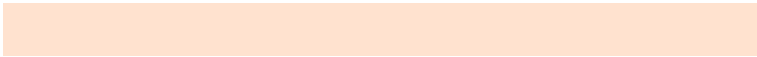
128, 128, 128

Same Dimension

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



242, 230, 203



255, 238, 207



207, 242, 203



120, 117, 108



184, 127, 0



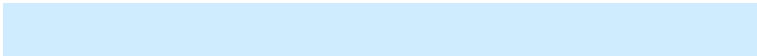
56, 39, 0

Inverse Universe

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



203, 217, 242



207, 225, 255



203, 207, 242



108, 112, 120



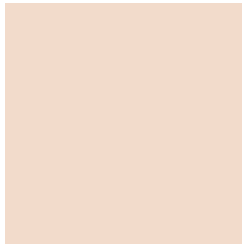
0, 68, 184



0, 21, 56

Previews

White Background



This preview shows how the RYB color 242, 230, 203 looks on a white background.

Color Contrast Check

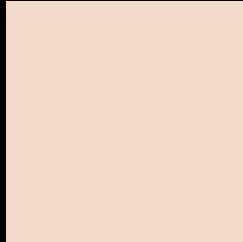
Large Text (above 18pt) WCAG AA × Fail

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, 230, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

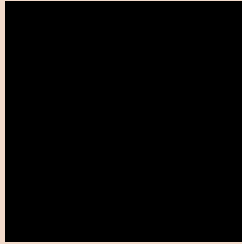
Any Text WCAG AA ✓ Pass

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, 230, 203 Background



This preview shows how black text looks on a background with the RYB color 242, 230, 203.

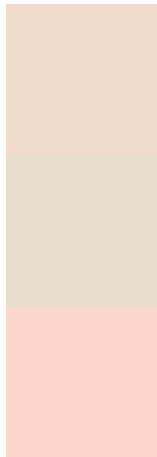


This preview shows how white text looks on a background with the RYB color 242, 230, 203.

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, 230, 203

Protanopia
219, 231, 205

Deuteranopia
252, 218, 204



Tritanopia
246, 215, 232

Trichromacy



Original Color

242, 230, 203

Protanomaly

230, 235, 204

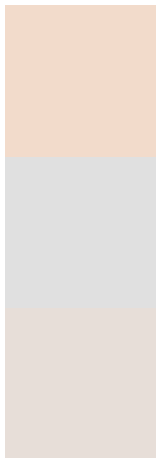
Deuteranomaly

248, 221, 204

Tritanomaly

245, 216, 221

Monochromacy



Original Color

242, 230, 203

Achromatopsia

224, 224, 224

Achromatomaly

231, 226, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 230, 203 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, 219, 203) looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 203)  
}
```

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, 219, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 203) }
```

Border

The CSS property to change the border of an element to RYB 242, 230, 203 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, 219, 203) }
```

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

```
.border{ border-color:rgb(242, 219, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 219, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 203);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 242, 230, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 203) }
```

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

```
.background{ background-color: rgb(242,  
219, 203) }
```

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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