

Converting Colors

`RYB(242, 203, 201)`

Have a look what the booklet for
RYB(242, 203, 201) contains.

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Color

R_YB(242, 203, 201)

Conversions

Conversions Part 1

Format	Color
Hex	F2CBC9
RGB	242, 203, 201
RGB Percent	95%, 80%, 79%
CMY	0.0510, 0.2043, 0.2118
CMYK	0.00, 0.16, 0.17, 0.05
HSL	3°, 61%, 87%
HSV	3°, 17%, 95%
XYZ	68.4945, 65.7622, 64.3417
YIQ	214.4330, 23.8860, 7.6460

Conversions

Conversions Part 2

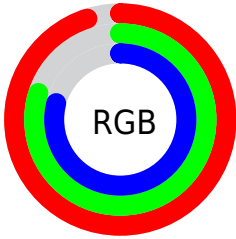
Format	Color
R _Y B	242, 203, 201
Decimal	15911881
CIE Lab	84.87, 13.47, 6.09
CIE LCh	85, 14.780, 24.336
Yxy	65.7622, 0.3449, 0.3311
Android (android.graphics.Color)	4294101961 (0xFFFF2CBC9)
YUV	214.4330, -6.6225, 24.1763
Hunter-Lab	81.0939, 8.8525, 9.7238

Details

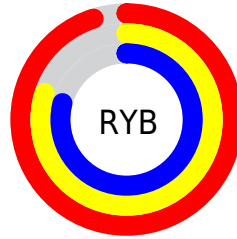
The RYB color **242, 203, 201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **201, 221, 242**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 255, 255, and **185, 149, 147** is the 20% darker color. If you saturate the color by 10%, you get **242, 180, 177**, and if you desaturate by 10%, it is **242, 226, 225**.

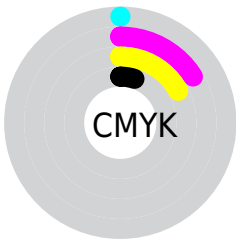
Distribution



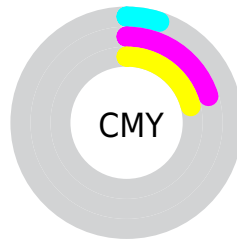
- Red (95%)
- Green (80%)
- Blue (79%)



- Red (95%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 203, 201 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, 203, 201 by changing the saturation by 10% instead.

■ 242, 203, 201

255, 255, 255

■ 242, 203, 201

■ 213, 175, 174

■ 185, 149, 147

■ 158, 123, 121

■ 132, 98, 97

■ 106, 74, 73

■ 81, 51, 50


■ 57, 30, 29

■ 37, 7, 4


■ 0, 0, 0

 242, 203, 201


 242, 203, 201

 242, 180, 177


 242, 226, 225

 242, 157, 153

 242, 246, 249

 242, 134, 128

 242, 249, 255

 242, 111, 104

 242, 88, 80

 242, 64, 56

 242, 41, 32

 242, 19, 7

 242, 12, 0

Harmonies

Analogous

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



239, 203, 215



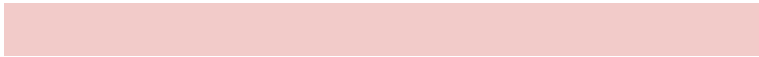
242, 203, 201



237, 214, 190

Triad

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



242, 203, 201



195, 218, 218



194, 208, 239

Complementary

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



242, 203, 201



201, 221, 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.



181, 203, 234



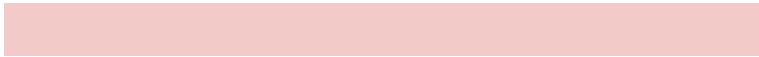
242, 203, 201



182, 204, 220

Square

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



242, 203, 201



186, 215, 190



176, 199, 223



211, 209, 237

Rectangle

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



242, 203, 201



228, 230, 185



176, 199, 223



189, 206, 238

Sweetspot

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



242, 203, 201



255, 243, 242



242, 201, 241



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

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



242, 203, 201



255, 206, 204



236, 242, 201



120, 108, 108



184, 9, 0



56, 3, 0

Inverse Universe

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



201, 221, 242



204, 229, 255



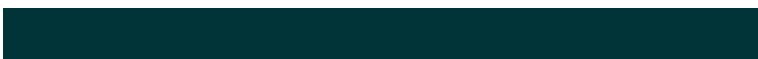
201, 214, 242



108, 114, 120



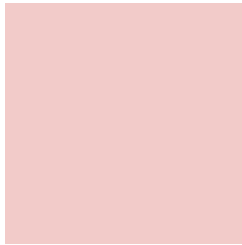
0, 90, 184



0, 27, 56

Previews

White Background



This preview shows how the RYB color 242, 203, 201 looks on a white background.

Color Contrast Check

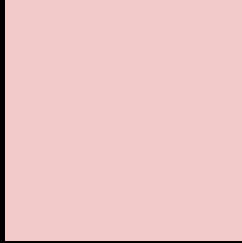
Large Text (above 18pt) WCAG AA × Fail

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, 203, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

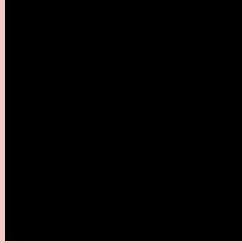
Any Text WCAG AA ✓ Pass

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, 203, 201 Background



This preview shows how black text looks on a background with the RYB color 242, 203, 201.

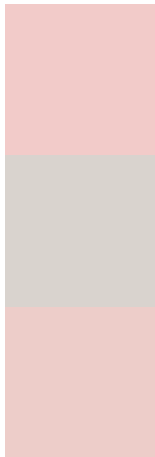


This preview shows how white text looks on a background with the RYB color 242, 203, 201.

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, 203, 201

Protanopia
217, 215, 206

Deuteranopia
237, 206, 201



Tritanopia
244, 201, 216

Trichromacy



Original Color

242, 203, 201

Protanomaly

226, 209, 204

Deuteranomaly

239, 204, 201

Tritanomaly

243, 202, 211

Monochromacy



Original Color

242, 203, 201

Achromatopsia

214, 214, 214

Achromatomaly

224, 210, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 203, 201 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, 203, 201)` looks like.

```
.text, #text, p{  
    color:rgb(242, 203, 201)  
}
```

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, 203, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 203, 201) }
```

Border

The CSS property to change the border of an element to RYB 242, 203, 201 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, 203, 201) }
```

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

```
.border{ border-color:rgb(242, 203, 201) }
```

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

Here you see how a box with a 4 pixel rgb(242, 203, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 203, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 203, 201);  
box-shadow:4px 4px 4px 4px rgb(242, 203,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 242, 203, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 203, 201) }
```

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

```
.background{ background-color: rgb(242,  
203, 201) }
```

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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