

Converting Colors

`RYB(242, 205, 207)`

Have a look what the booklet for RYB(242, 205, 207) contains.

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Color

R_YB(242, 205, 207)

Conversions

Conversions Part 1

Format	Color
Hex	F2CDCF
RGB	242, 205, 207
RGB Percent	95%, 80%, 81%
CMY	0.0510, 0.1961, 0.1882
CMYK	0.00, 0.15, 0.14, 0.05
HSL	357°, 59%, 88%
HSV	357°, 15%, 95%
XYZ	69.7118, 67.0449, 68.2982
YIQ	216.2910, 21.4100, 8.4660

Conversions

Conversions Part 2

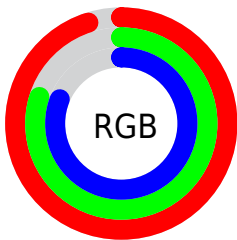
Format	Color
R _Y B	242, 205, 207
Decimal	15912399
CIE Lab	85.53, 13.30, 3.84
CIE LCh	86, 13.842, 16.115
Yxy	67.0449, 0.3400, 0.3270
Android (android.graphics.Color)	4294102479 (0xFFFF2CDCF)
YUV	216.2910, -4.5805, 22.5468
Hunter-Lab	81.8809, 8.6796, 7.8619

Details

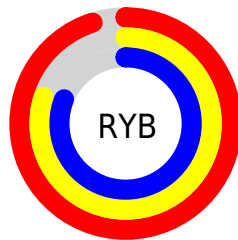
The RYB color **242, 205, 207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **205, 224, 242**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 151, 153** is the 20% darker color. If you saturate the color by 10%, you get **242, 181, 184**, and if you desaturate by 10%, it is **242, 229, 230**.

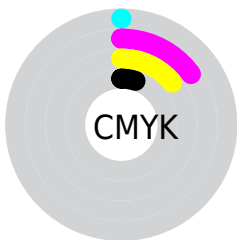
Distribution



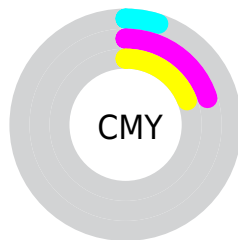
- Red (95%)
- Green (80%)
- Blue (81%)



- Red (95%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 205, 207 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, 205, 207 by changing the saturation by 10% instead.

■ 242, 205, 207

255, 255, 255

■ 242, 205, 207

■ 213, 177, 179

■ 186, 151, 153

■ 158, 125, 127

■ 132, 100, 102

■ 106, 76, 78

■ 82, 53, 55


■ 58, 31, 34

■ 36, 9, 11


■ 0, 0, 0

 242, 205, 207


 242, 205, 207

 242, 181, 184


 242, 229, 230

 242, 157, 161

 242, 248, 253

 242, 132, 138

 242, 249, 255

 242, 108, 115

 242, 84, 93

 242, 60, 70

 242, 36, 47

 242, 11, 24

 242, 0, 13

Harmonies

Analogous

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



237, 205, 220



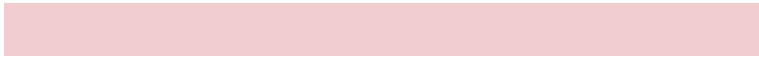
242, 205, 207



240, 211, 195

Triad

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



242, 205, 207



195, 219, 212



193, 209, 239

Complementary

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



242, 205, 207



205, 224, 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.



183, 204, 232



242, 205, 207



189, 209, 221

Square

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



242, 205, 207



191, 217, 189



181, 202, 222



209, 212, 239

Rectangle

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



242, 205, 207



234, 223, 190



181, 202, 222



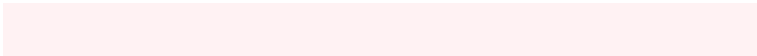
189, 207, 237

Sweetspot

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



242, 205, 207



255, 242, 243



240, 205, 242



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

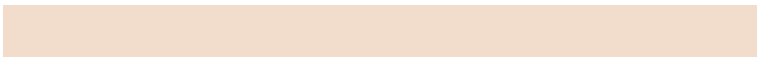
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 205, 207



255, 209, 212



242, 233, 205



120, 108, 109



184, 0, 10



56, 0, 3

Inverse Universe

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



242, 205, 207



255, 209, 212



205, 218, 242



120, 108, 109



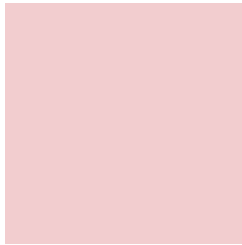
184, 0, 10



56, 0, 3

Previews

White Background



This preview shows how the RYB color 242, 205, 207 looks on a white background.

Color Contrast Check

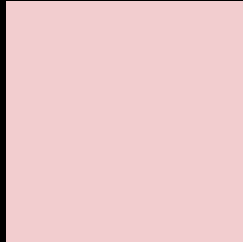
Large Text (above 18pt) WCAG AA × Fail

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, 205, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

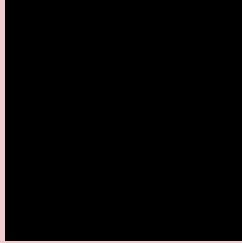
Any Text WCAG AA ✓ Pass

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, 205, 207 Background



This preview shows how black text looks on a background with the RYB color 242, 205, 207.



This preview shows how white text looks on a background with the RYB color 242, 205, 207.

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, 205, 207

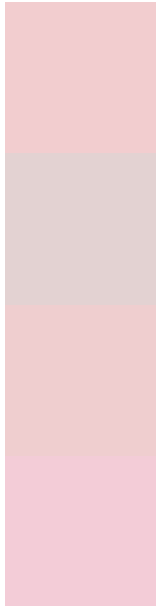
Protanopia
218, 214, 211

Deuteranopia
237, 207, 207



Tritanopia
244, 203, 219

Trichromacy



Original Color

242, 205, 207

Protanomaly

227, 210, 210

Deuteranomaly

239, 206, 207

Tritanomaly

243, 204, 215

Monochromacy



Original Color

242, 205, 207

Achromatopsia

216, 216, 216

Achromatomaly

225, 212, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 205, 207 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, 205, 207) looks like.

```
.text, #text, p{  
    color:rgb(242, 205, 207)  
}
```

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, 205, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 205, 207) }
```

Border

The CSS property to change the border of an element to RYB 242, 205, 207 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, 205, 207) }
```

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

```
.border{ border-color:rgb(242, 205, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 205, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 205, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 205, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 205,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 242, 205, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 205, 207) }
```

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

```
.background{ background-color: rgb(242,  
205, 207) }
```

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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