

Converting Colors

`RYB(242, 192, 202)`

Have a look what the booklet for
RYB(242, 192, 202) contains.

RYB(242, 192, 202)	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, 192, 202)

Conversions

Conversions Part 1

Format	Color
Hex	F2C0CA
RGB	242, 192, 202
RGB Percent	95%, 75%, 79%
CMY	0.0510, 0.2471, 0.2078
CMYK	0.00, 0.21, 0.17, 0.05
HSL	348°, 66%, 85%
HSV	348°, 21%, 95%
XYZ	66.1283, 60.8408, 64.1352
YIQ	208.0900, 26.5900, 13.7100

Conversions

Conversions Part 2

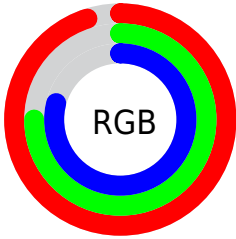
Format	Color
R_{YB}	242, 192, 202
Decimal	15909066
CIE _{Lab}	82.29, 19.37, 1.82
CIE _{LCh}	82, 19.458, 5.363
Yxy	60.8408, 0.3460, 0.3184
Android (android.graphics.Color)	4294099146 (0xFFFF2C0CA)
YUV	208.0900, -3.0024, 29.7391
Hunter-Lab	78.0005, 14.8301, 5.8497

Details

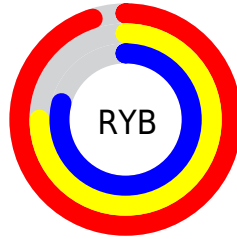
The RYB color **242, 192, 202** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **192, 220, 242**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 249, 255, and **185, 138, 148** is the 20% darker color. If you saturate the color by 10%, you get **242, 168, 183**, and if you desaturate by 10%, it is **242, 216, 221**.

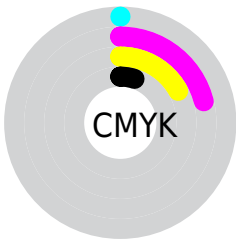
Distribution



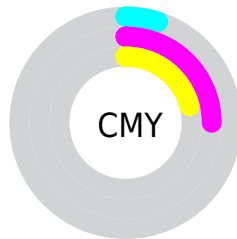
- Red (95%)
- Green (75%)
- Blue (79%)



- Red (95%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 192, 202 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, 192, 202 by changing the saturation by 10% instead.

 242, 192, 202

 242, 192, 202


255, 255, 255

 213, 165, 175


 255, 249, 255

 185, 138, 148

 158, 113, 122

 131, 88, 97

 105, 64, 74

 81, 42, 51


 56, 20, 30

 37, 0, 5


 0, 0, 0

 242, 192, 202


 242, 192, 202

 242, 168, 183

 242, 216, 221


 242, 144, 163

 242, 240, 241

 242, 119, 144

 242, 249, 255

 242, 95, 125

 242, 71, 105

 242, 47, 86

 242, 23, 66

 242, 0, 48

Harmonies

Analogous

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



232, 194, 220



242, 192, 202



242, 196, 184

Triad

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



242, 192, 202



175, 210, 190



167, 194, 237

Complementary

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



242, 192, 202



192, 220, 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.



157, 188, 225



242, 192, 202



175, 204, 214

Square

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



242, 192, 202



183, 216, 169



160, 190, 215



189, 201, 241

Rectangle

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



242, 192, 202



237, 209, 175



160, 190, 215



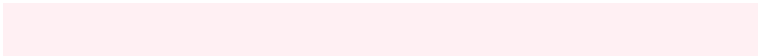
162, 192, 234

Sweetspot

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



242, 192, 202



255, 240, 243



232, 192, 242



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

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



242, 192, 202



255, 191, 204



242, 213, 192



120, 108, 110



184, 0, 37



56, 0, 11

Inverse Universe

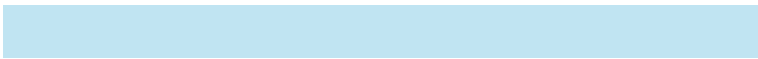
The Inverse Universe completely reimagines the original color for something new.



242, 192, 202



255, 191, 204



192, 213, 242



120, 108, 110



184, 0, 37



56, 0, 11

Previews

White Background



This preview shows how the RYB color 242, 192, 202 looks on a white background.

Color Contrast Check

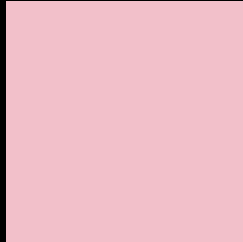
Large Text (above 18pt) WCAG AA × Fail

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, 192, 202 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, 192, 202 Background



This preview shows how black text looks on a background with the RYB color 242, 192, 202.



This preview shows how white text looks on a background with the RYB color 242, 192, 202.

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, 192, 202

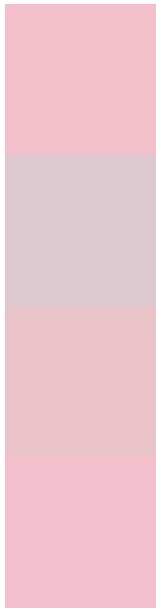
Protanopia
207, 204, 209

Deuteranopia
226, 198, 201



Tritanopia
243, 191, 206

Trichromacy



Original Color

242, 192, 202

Protanomaly

220, 200, 206

Deuteranomaly

232, 196, 201

Tritanomaly

243, 191, 205

Monochromacy



Original Color

242, 192, 202

Achromatopsia

208, 208, 208

Achromatomaly

220, 202, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 192, 202 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, 192, 202) looks like.

```
.text, #text, p{  
    color:rgb(242, 192, 202)  
}
```

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, 192, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 192, 202) }
```

Border

The CSS property to change the border of an element to RYB 242, 192, 202 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, 192, 202) }
```

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

```
.border{ border-color:rgb(242, 192, 202) }
```

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

Here you see how a box with a 4 pixel rgb(242, 192, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(242, 192,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 242, 192, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 192, 202) }
```

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

```
.background{ background-color: rgb(242,  
192, 202) }
```

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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