

Converting Colors

`RYB(242, 181, 181)`

Have a look what the booklet for RYB(242, 181, 181) contains.

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Color

R_YB(242, 181, 181)

Conversions

Conversions Part 1

Format	Color
Hex	F2B5B5
RGB	242, 181, 181
RGB Percent	95%, 71%, 71%
CMY	0.0510, 0.2902, 0.2902
CMYK	0.00, 0.25, 0.25, 0.05
HSL	0°, 70%, 83%
HSV	0°, 25%, 95%
XYZ	61.4823, 55.2612, 51.1421
YIQ	199.2390, 36.3560, 12.9320

Conversions

Conversions Part 2

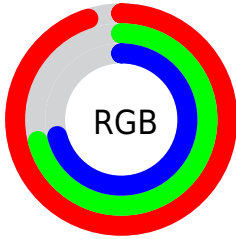
Format	Color
R _Y B	242, 181, 181
Decimal	15906229
CIE Lab	79.19, 22.11, 8.66
CIE LCh	79, 23.748, 21.379
Yxy	55.2612, 0.3662, 0.3292
Android (android.graphics.Color)	4294096309 (0xFFF2B5B5)
YUV	199.2390, -8.9918, 37.5014
Hunter-Lab	74.3379, 17.5400, 11.2469

Details

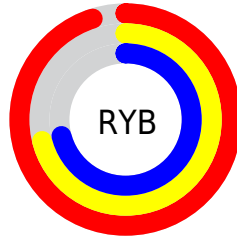
The RYB color **242, 181, 181** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **181, 212, 242**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 237, 237**, and **185, 128, 128** is the 20% darker color. If you saturate the color by 10%, you get **242, 157, 157**, and if you desaturate by 10%, it is **242, 205, 205**.

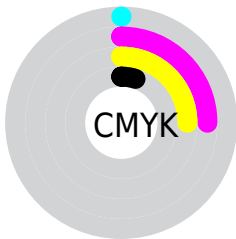
Distribution



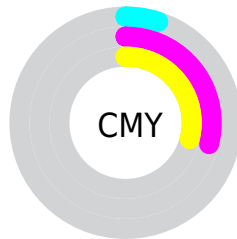
- Red (95%)
- Green (71%)
- Blue (71%)



- Red (95%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 242, 181, 181 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, 181, 181 by changing the saturation by 10% instead.

 242, 181, 181

 242, 181, 181

255, 255, 255

 213, 154, 154

 255, 237, 237

 185, 128, 128

 157, 102, 103

 130, 78, 79


 104, 55, 56


 78, 32, 35


 54, 10, 13

 32, 0, 1


 0, 0, 0

 242, 181, 181


 242, 181, 181

 242, 157, 157

 242, 205, 205

 242, 133, 133

 242, 229, 229

 242, 108, 108

 242, 248, 254

 242, 84, 84

 242, 249, 255

 242, 60, 60

 242, 36, 36

 242, 12, 12

 242, 0, 0

Harmonies

Analogous

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



236, 181, 203



242, 181, 181



235, 196, 162

Triad

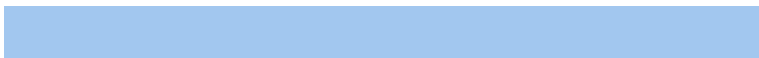
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242, 181, 181



168, 205, 202



162, 187, 239

Complementary

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



242, 181, 181



181, 212, 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.



140, 178, 230



242, 181, 181



148, 184, 208

Square

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



242, 181, 181



155, 200, 159



135, 172, 211



192, 193, 237

Rectangle

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



242, 181, 181



225, 225, 155



135, 172, 211



153, 184, 237

Sweetspot

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



242, 181, 181



255, 235, 235



242, 181, 242



128, 115, 115



0, 0, 0



128, 128, 128

Same Dimension

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



242, 181, 181



255, 179, 179



242, 240, 181



120, 108, 108



184, 0, 0



56, 0, 0

Inverse Universe

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



181, 212, 242



179, 217, 255



181, 201, 242



108, 114, 120



0, 92, 184



0, 28, 56

Previews

White Background



This preview shows how the RYB color 242, 181, 181 looks on a white background.

Color Contrast Check

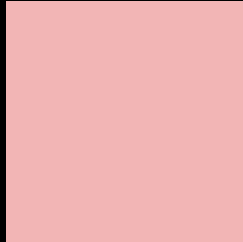
Large Text (above 18pt) WCAG AA × Fail

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, 181, 181 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, 181, 181 Background



This preview shows how black text looks on a background with the RYB color 242, 181, 181.



This preview shows how white text looks on a background with the RYB color 242, 181, 181.

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, 181, 181

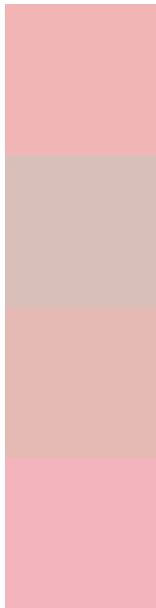
Protanopia
200, 202, 189

Deuteranopia
222, 192, 179



Tritanopia
243, 179, 193

Trichromacy



Original Color
242, 181, 181

Protanomaly
217, 192, 186

Deuteranomaly
229, 187, 180

Tritanomaly
243, 180, 189

Monochromacy



Original Color
242, 181, 181

Achromatopsia
199, 199, 199

Achromatomaly
215, 192, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 181, 181 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, 181, 181) looks like.

```
.text, #text, p{  
    color:rgb(242, 181, 181)  
}
```

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, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 181, 181) }
```

Border

The CSS property to change the border of an element to RYB 242, 181, 181 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, 181, 181) }
```

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

```
.border{ border-color:rgb(242, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(242, 181,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 242, 181, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 181, 181) }
```

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

```
.background{ background-color: rgb(242,  
181, 181) }
```

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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