

Converting Colors

`RYB(242, 172, 177)`

Have a look what the booklet for
RYB(242, 172, 177) contains.

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Color

`RYB(242, 172, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	F2ACB1
RGB	242, 172, 177
RGB Percent	95%, 67%, 69%
CMY	0.0510, 0.3255, 0.3059
CMYK	0.00, 0.29, 0.27, 0.05
HSL	356°, 73%, 81%
HSV	356°, 29%, 95%
XYZ	59.3063, 51.5566, 48.4206
YIQ	193.5000, 40.1150, 16.3950

Conversions

Conversions Part 2

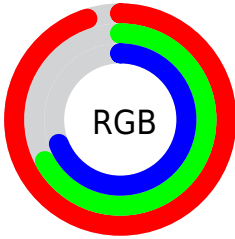
Format	Color
R _Y B	242, 172, 177
Decimal	15903921
CIE Lab	77.01, 26.33, 7.71
CIE LCh	77, 27.438, 16.325
Yxy	51.5566, 0.3723, 0.3237
Android (android.graphics.Color)	4294094001 (0xFFFF2ACB1)
YUV	193.5000, -8.1345, 42.5345
Hunter-Lab	71.8029, 21.7785, 10.2796

Details

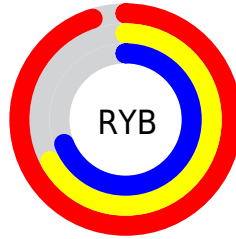
The RYB color **242, 172, 177** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **172, 208, 242**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 228, 233**, and **184, 119, 125** is the 20% darker color. If you saturate the color by 10%, you get **242, 148, 155**, and if you desaturate by 10%, it is **242, 196, 199**.

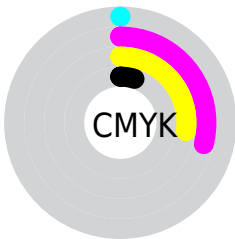
Distribution



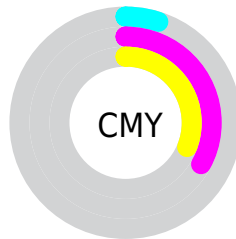
- Red (95%)
- Green (67%)
- Blue (69%)



- Red (95%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (29%)
- Yellow (27%)
- Black (5%)




- Cyan (5%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 242, 172, 177 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, 172, 177 by changing the saturation by 10% instead.

 242, 172, 177

255, 255, 255

 255, 228, 233

 242, 172, 177

 213, 145, 150

 184, 119, 125

 157, 94, 100

 129, 70, 76


 103, 46, 53


 77, 23, 32


 53, 0, 8


 27, 0, 1


 0, 0, 0

 242, 172, 177

 242, 172, 177

 242, 148, 155

 242, 196, 199

 242, 124, 132

 242, 220, 222

 242, 99, 110

 242, 244, 245

 242, 75, 87

 242, 249, 255

 242, 51, 65

 242, 27, 42

 242, 3, 20

 242, 0, 17

Harmonies

Analogous

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



233, 173, 203



242, 172, 177



237, 186, 154

Triad

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



242, 172, 177



154, 200, 188



143, 177, 239

Complementary

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



242, 172, 177



172, 208, 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.



119, 166, 226



242, 172, 177



137, 179, 204

Square

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



242, 172, 177



142, 194, 141



118, 161, 204



178, 187, 239

Rectangle

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



242, 172, 177



226, 215, 144



118, 161, 204



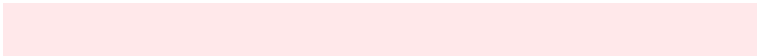
133, 173, 236

Sweetspot

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



242, 172, 177



255, 232, 234



236, 172, 242



128, 113, 114



0, 0, 0



128, 128, 128

Same Dimension

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



242, 172, 177



255, 166, 172



242, 222, 172



120, 108, 109



184, 0, 13



56, 0, 4

Inverse Universe

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



242, 172, 177



255, 166, 172



172, 198, 242



120, 108, 109



184, 0, 13



56, 0, 4

Previews

White Background



This preview shows how the RYB color 242, 172, 177 looks on a white background.

Color Contrast Check

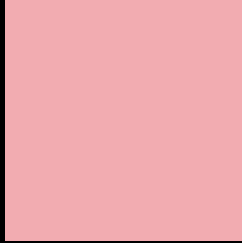
Large Text (above 18pt) WCAG AA × Fail

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, 172, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

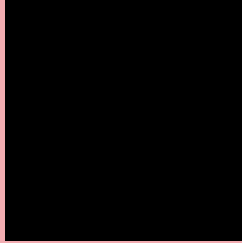
Any Text WCAG AA ✓ Pass

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, 172, 177 Background



This preview shows how black text looks on a background with the RYB color 242, 172, 177.



This preview shows how white text looks on a background with the RYB color 242, 172, 177.

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, 172, 177

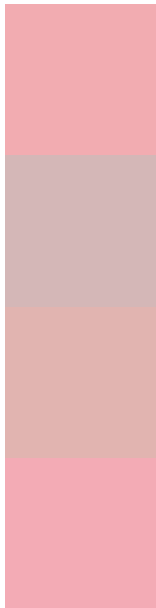
Protanopia
195, 192, 187

Deuteranopia
215, 187, 175



Tritanopia
243, 171, 184

Trichromacy



Original Color
242, 172, 177

Protanomaly
212, 183, 183

Deuteranomaly
225, 180, 176

Tritanomaly
243, 171, 181

Monochromacy



Original Color
242, 172, 177

Achromatopsia
194, 194, 194

Achromatomaly
211, 186, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 172, 177 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, 172, 177) looks like.

```
.text, #text, p{  
    color:rgb(242, 172, 177)  
}
```

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, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 172, 177) }
```

Border

The CSS property to change the border of an element to RYB 242, 172, 177 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, 172, 177) }
```

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

```
.border{ border-color:rgb(242, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(242, 172,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 242, 172, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 172, 177) }
```

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

```
.background{ background-color: rgb(242,  
172, 177) }
```

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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