

Converting Colors

`RYB(243, 195, 189)`

Have a look what the booklet for RYB(243, 195, 189) contains.

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Color

R_YB(243, 195, 189)

Conversions

Conversions Part 1

Format	Color
Hex	F3C2BD
RGB	243, 194, 189
RGB Percent	95%, 76%, 74%
CMY	0.0471, 0.2376, 0.2588
CMYK	0.00, 0.20, 0.22, 0.05
HSL	6°, 69%, 85%
HSV	6°, 22%, 95%
XYZ	65.5284, 61.4907, 56.5593
YIQ	208.0810, 30.8090, 8.8330

Conversions

Conversions Part 2

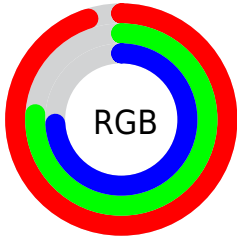
Format	Color
R _Y B	243, 195, 189
Decimal	15975101
CIE Lab	82.64, 16.53, 9.30
CIE LCh	83, 18.963, 29.368
Yxy	61.4907, 0.3570, 0.3350
Android (android.graphics.Color)	4294165181 (0xFFFF3C2BD)
YUV	208.0810, -9.4069, 30.6240
Hunter-Lab	78.4160, 11.9357, 12.1270

Details

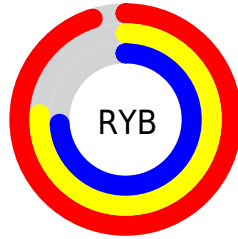
The RYB color **243, 195, 189** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **189, 215, 243**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **252, 255, 245**, and **186, 140, 136** is the 20% darker color. If you saturate the color by 10%, you get **243, 174, 165**, and if you desaturate by 10%, it is **243, 216, 213**.

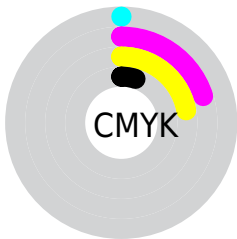
Distribution



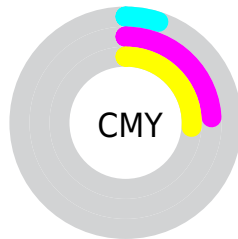
- Red (95%)
- Green (76%)
- Blue (74%)



- Red (95%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (22%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 195, 189 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 243, 195, 189 by changing the saturation by 10% instead.

 243, 195, 189

255, 255, 255

 252, 255, 245

 243, 195, 189


 214, 168, 162

 186, 142, 136

 159, 116, 110

 132, 90, 86

 106, 67, 63

 81, 44, 41

 56, 23, 21

 36, 0, 0


 0, 0, 0

 243, 195, 189

 243, 195, 189

 243, 174, 165


 243, 216, 213

 243, 152, 140

 243, 238, 238

 243, 130, 116

 243, 249, 255

 243, 109, 92

 243, 87, 68

 243, 65, 43

 243, 43, 19

 243, 27, 0

Harmonies

Analogous

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



241, 193, 207



243, 195, 189



235, 214, 176

Triad

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



243, 195, 189



180, 208, 214



185, 201, 241

Complementary

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



243, 195, 189



189, 215, 243

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.



166, 194, 236



243, 195, 189



165, 194, 216

Square

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



243, 195, 189



174, 210, 183



159, 189, 222



209, 201, 237

Rectangle

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



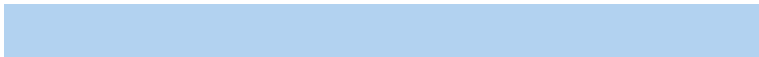
243, 195, 189



214, 226, 171



159, 189, 222



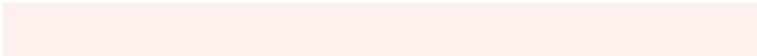
178, 199, 240

Sweetspot

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



243, 195, 189



255, 239, 237



243, 189, 238



128, 118, 117



0, 0, 0



128, 128, 128

Same Dimension

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



243, 195, 189



255, 194, 186



229, 243, 189



122, 111, 110



186, 21, 0



59, 7, 0

Inverse Universe

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



189, 215, 243



186, 219, 255



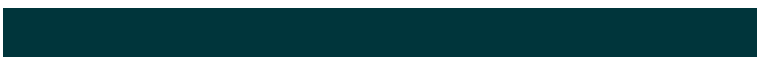
189, 205, 243



110, 116, 122



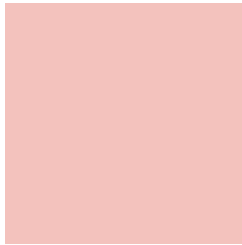
0, 88, 186



0, 28, 59

Previews

White Background



This preview shows how the RYB color 243, 195, 189 looks on a white background.

Color Contrast Check

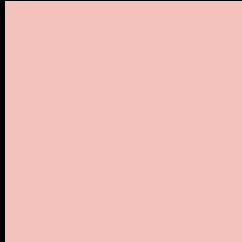
Large Text (above 18pt) WCAG AA × Fail

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 243, 195, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

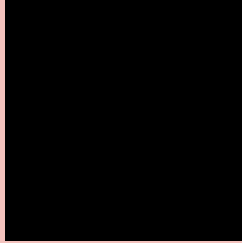
Any Text WCAG AA ✓ Pass

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 243, 195, 189 Background



This preview shows how black text looks on a background with the RYB color 243, 195, 189.

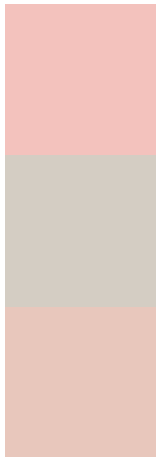


This preview shows how white text looks on a background with the RYB color 243, 195, 189.

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
243, 195, 189

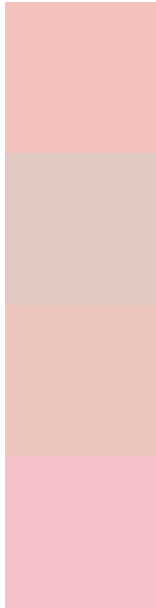
Protanopia
207, 212, 195

Deuteranopia
232, 203, 188



Tritanopia
245, 192, 207

Trichromacy



Original Color
243, 195, 189

Protanomaly
223, 204, 193

Deuteranomaly
236, 199, 188

Tritanomaly
244, 193, 200

Monochromacy



Original Color
243, 195, 189

Achromatopsia
208, 208, 208

Achromatomaly
221, 203, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 195, 189 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(243, 194, 189)` looks like.

```
.text, #text, p{  
    color:rgb(243, 194, 189)  
}
```

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(243, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 194, 189) }
```

Border

The CSS property to change the border of an element to RYB 243, 195, 189 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(243, 194, 189) }
```

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

```
.border{ border-color:rgb(243, 194, 189) }
```

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

Here you see how a box with a 4 pixel rgb(243, 194, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(243, 194,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 243, 194, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 194, 189) }
```

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

```
.background{ background-color: rgb(243,  
194, 189) }
```

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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