

Converting Colors

`RYB(247, 195, 193)`

Have a look what the booklet for
RYB(247, 195, 193) contains.

RYB(247, 195, 193)	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(247, 195, 193)

Conversions

Conversions Part 1

Format	Color
Hex	F7C3C1
RGB	247, 195, 193
RGB Percent	97%, 76%, 76%
CMY	0.0314, 0.2356, 0.2431
CMYK	0.00, 0.21, 0.22, 0.03
HSL	2°, 77%, 86%
HSV	2°, 22%, 97%
XYZ	67.4825, 62.6226, 58.9827
YIQ	210.3200, 31.6340, 10.4020

Conversions

Conversions Part 2

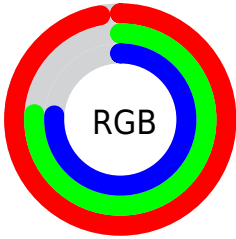
Format	Color
R_{YB}	247, 195, 193
Decimal	16237505
CIE Lab	83.24, 18.28, 8.07
CIE LCh	83, 19.984, 23.826
Yxy	62.6226, 0.3569, 0.3312
Android (android.graphics.Color)	4294427585 (0xFFF7C3C1)
YUV	210.3200, -8.5388, 32.1684
Hunter-Lab	79.1345, 13.7319, 11.2024

Details

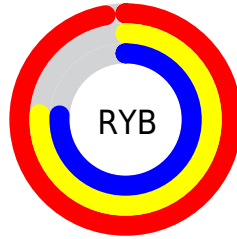
The RYB color **247, 195, 193** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **193, 219, 247**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 255, 249, and **190, 141, 140** is the 20% darker color. If you saturate the color by 10%, you get **247, 171, 168**, and if you desaturate by 10%, it is **247, 219, 218**.

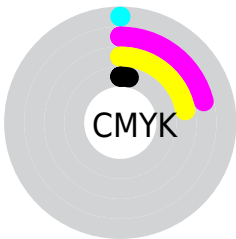
Distribution



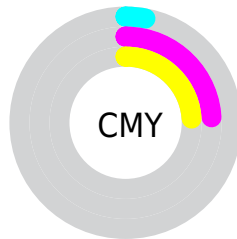
- Red (97%)
- Green (76%)
- Blue (76%)



- Red (97%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (3%)




- Cyan (3%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 195, 193 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 247, 195, 193 by changing the saturation by 10% instead.


 247, 195, 193


255, 255, 255

 255, 255, 249

 247, 195, 193

 218, 168, 166

 190, 141, 140

 162, 115, 114

 135, 91, 90

 109, 67, 66

 84, 44, 44


 59, 23, 24

 39, 0, 0


 0, 0, 0

 247, 195, 193


 247, 195, 193

 247, 171, 168

 247, 219, 218

 247, 147, 144

 247, 243, 242

 247, 123, 119

 247, 251, 255

 247, 100, 94

 247, 76, 70

 247, 52, 45

 247, 28, 20

 247, 9, 0

Harmonies

Analogous

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



243, 195, 212



247, 195, 193



241, 210, 178

Triad

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



247, 195, 193



184, 215, 216



181, 201, 244

Complementary

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



247, 195, 193



193, 219, 247

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.



163, 194, 237



247, 195, 193



166, 196, 218

Square

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



247, 195, 193



173, 211, 178



157, 188, 222



206, 204, 242

Rectangle

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



247, 195, 193



228, 232, 172



157, 188, 222



174, 199, 243

Sweetspot

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



247, 195, 193



255, 238, 237



247, 193, 245



128, 118, 117



0, 0, 0



128, 128, 128

Same Dimension

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



247, 195, 193



255, 191, 189



240, 247, 193



122, 111, 110



186, 7, 0



59, 2, 0

Inverse Universe

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



193, 219, 247



189, 221, 255



193, 210, 247



110, 116, 122



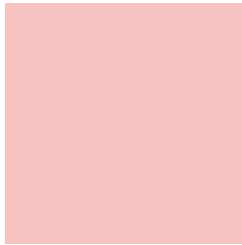
0, 91, 186



0, 29, 59

Previews

White Background



This preview shows how the RYB color 247, 195, 193 looks on a white background.

Color Contrast Check

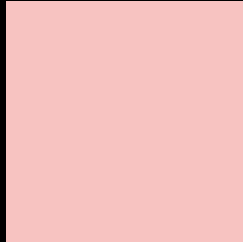
Large Text (above 18pt) WCAG AA × Fail

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 247, 195, 193 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 247, 195, 193 Background



This preview shows how black text looks on a background with the RYB color 247, 195, 193.

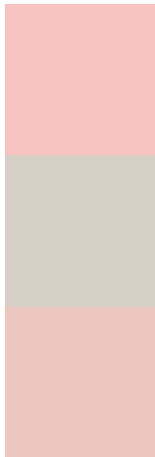


This preview shows how white text looks on a background with the RYB color 247, 195, 193.

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
247, 195, 193

Protanopia
210, 213, 199

Deuteranopia
234, 202, 192



Tritanopia
249, 193, 208

Trichromacy



Original Color
247, 195, 193

Protanomaly
225, 205, 197

Deuteranomaly
239, 199, 192

Tritanomaly
248, 194, 203

Monochromacy



Original Color
247, 195, 193

Achromatopsia
210, 210, 210

Achromatomaly
223, 205, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 195, 193 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(247, 195, 193) looks like.

```
.text, #text, p{  
    color:rgb(247, 195, 193)  
}
```

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(247, 195, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 195, 193) }
```

Border

The CSS property to change the border of an element to RYB 247, 195, 193 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(247, 195, 193) }
```

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

```
.border{ border-color:rgb(247, 195, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 195, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 195, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 195, 193); box-shadow:4px 4px 4px 4px rgb(247, 195, 193) }
```

Background

The CSS property to change the background color of an element to RYB 247, 195, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 195, 193) }
```

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

```
.background{ background-color: rgb(247,  
195, 193) }
```

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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