

Converting Colors

`RYB(247, 199, 200)`

Have a look what the booklet for RYB(247, 199, 200) contains.

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Color

R_YB(247, 199, 200)

Conversions

Conversions Part 1

Format	Color
Hex	F7C7C8
RGB	247, 199, 200
RGB Percent	97%, 78%, 78%
CMY	0.0314, 0.2196, 0.2157
CMYK	0.00, 0.19, 0.19, 0.03
HSL	359°, 75%, 87%
HSV	359°, 19%, 97%
XYZ	69.2065, 64.7911, 63.5019
YIQ	213.4660, 28.2870, 10.4870

Conversions

Conversions Part 2

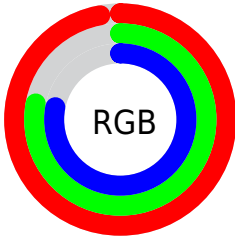
Format	Color
R _Y B	247, 199, 200
Decimal	16238536
CIE Lab	84.38, 17.17, 5.96
CIE LCh	84, 18.172, 19.158
Yxy	64.7911, 0.3504, 0.3281
Android (android.graphics.Color)	4294428616 (0xFFFF7C7C8)
YUV	213.4660, -6.6387, 29.4093
Hunter-Lab	80.4929, 12.6088, 9.5704

Details

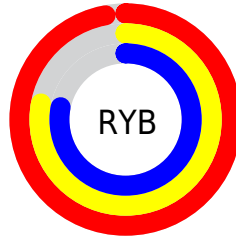
The RYB color **247, 199, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **199, 223, 247**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 255, 255, and **190, 145, 146** is the 20% darker color. If you saturate the color by 10%, you get **247, 174, 176**, and if you desaturate by 10%, it is **247, 224, 224**.

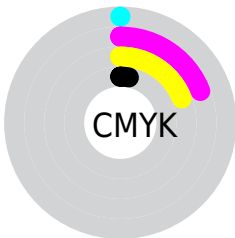
Distribution



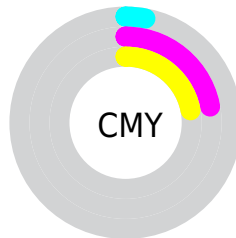
- Red (97%)
- Green (78%)
- Blue (78%)



- Red (97%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 199, 200 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, 199, 200 by changing the saturation by 10% instead.

 247, 199, 200

 247, 199, 200

255, 255, 255

 218, 172, 173

 190, 145, 146

 163, 119, 120

 136, 94, 96


 110, 70, 72


 85, 48, 50


 60, 26, 29

 39, 2, 2

 0, 0, 0

 247, 199, 200


 247, 199, 200

 247, 174, 176


 247, 224, 224

 247, 150, 152

 247, 248, 248

 247, 125, 127

 247, 251, 255

 247, 100, 103

 247, 75, 79

 247, 51, 55

 247, 26, 31

 247, 1, 7

 247, 0, 5

Harmonies

Analogous

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



242, 199, 217



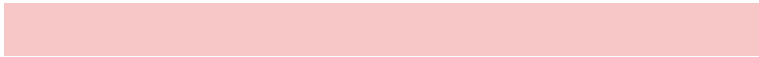
247, 199, 200



243, 209, 185

Triad

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



247, 199, 200



188, 217, 212



184, 204, 244

Complementary

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



247, 199, 200



199, 223, 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.



169, 197, 236



247, 199, 200



176, 203, 220

Square

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



247, 199, 200



178, 213, 179



166, 193, 221



206, 208, 243

Rectangle

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



247, 199, 200



235, 228, 179



166, 193, 221



178, 202, 242

Sweetspot

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



247, 199, 200



255, 240, 240



245, 199, 247



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



247, 199, 200



255, 196, 198



247, 240, 199



122, 110, 110



186, 0, 4



59, 0, 1

Inverse Universe

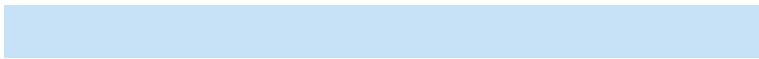
The Inverse Universe completely reimagines the original color for something new.



247, 199, 200



255, 196, 198



199, 216, 247



122, 110, 110



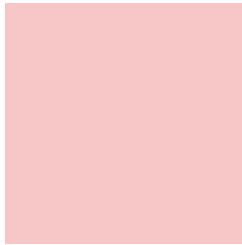
186, 0, 4



59, 0, 1

Previews

White Background



This preview shows how the RYB color 247, 199, 200 looks on a white background.

Color Contrast Check

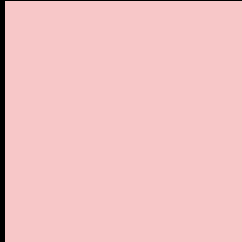
Large Text (above 18pt) WCAG AA × Fail

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, 199, 200 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, 199, 200 Background



This preview shows how black text looks on a background with the RYB color 247, 199, 200.



This preview shows how white text looks on a background with the RYB color 247, 199, 200.

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, 199, 200

Protanopia
216, 213, 206

Deuteranopia
235, 205, 199



Tritanopia
248, 197, 212

Trichromacy



Original Color

247, 199, 200

Protanomaly

227, 206, 204

Deuteranomaly

239, 202, 199

Tritanomaly

248, 198, 208

Monochromacy



Original Color

247, 199, 200

Achromatopsia

213, 213, 213

Achromatomaly

225, 208, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 199, 200 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, 199, 200)` looks like.

```
.text, #text, p{  
    color:rgb(247, 199, 200)  
}
```

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, 199, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 199, 200) }
```

Border

The CSS property to change the border of an element to RYB 247, 199, 200 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, 199, 200) }
```

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

```
.border{ border-color:rgb(247, 199, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 199, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 199, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 199, 200);  
box-shadow:4px 4px 4px 4px rgb(247, 199,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 247, 199, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 199, 200) }
```

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

```
.background{ background-color: rgb(247,  
199, 200) }
```

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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