

Converting Colors

`RYB(255, 192, 191)`

Have a look what the booklet for
RYB(255, 192, 191) contains.

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Color

`RYB(255, 192, 191)`

Conversions

Conversions Part 1

Format	Color
Hex	FFC0BF
RGB	255, 192, 191
RGB Percent	100%, 75%, 75%
CMY	0.0000, 0.2471, 0.2510
CMYK	0.00, 0.25, 0.25, 0.00
HSL	1°, 100%, 87%
HSV	1°, 25%, 100%
XYZ	69.4902, 62.7141, 57.7327
YIQ	210.7230, 37.8690, 13.0450

Conversions

Conversions Part 2

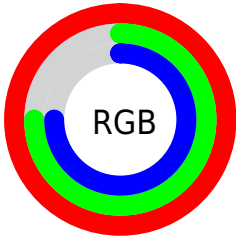
Format	Color
R_{YB}	255, 192, 191
Decimal	16761023
CIE Lab	83.29, 22.45, 9.32
CIE LCh	83, 24.309, 22.534
Yxy	62.7141, 0.3659, 0.3302
Android (android.graphics.Color)	4294951103 (0xFFFFC0BF)
YUV	210.7230, -9.7234, 38.8309
Hunter-Lab	79.1922, 18.0452, 12.2110

Details

The RYB color **255, 192, 191** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **191, 223, 255**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 250, 247**, and **197, 138, 138** is the 20% darker color. If you saturate the color by 10%, you get **255, 167, 166**, and if you desaturate by 10%, it is **255, 217, 217**.

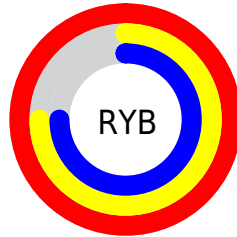
Distribution



Red (100%)

Green (75%)

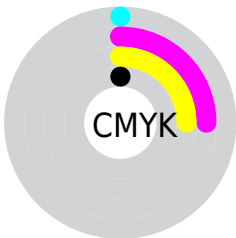
Blue (75%)



Red (100%)

Yellow (75%)

Blue (75%)

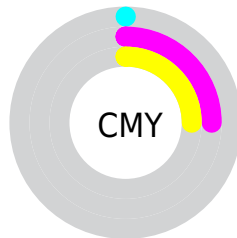


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 192, 191 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 255, 192, 191 by changing the saturation by 10% instead.


 255, 192, 191

 255, 192, 191

255, 255, 255

 226, 165, 164

 255, 250, 247

 197, 138, 138

 169, 112, 112

 142, 88, 88

 115, 64, 65

 89, 41, 43

 64, 19, 22

 42, 0, 0

 0, 0, 0

 255, 192, 191

 255, 192, 191

 255, 167, 166

 255, 217, 217

 255, 142, 140

 255, 242, 242

 255, 117, 115

255, 255, 255

 255, 92, 89

 255, 66, 64

 255, 41, 38

 255, 16, 13

 255, 4, 0

Harmonies

Analogous

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



250, 192, 214



255, 192, 191



248, 209, 172

Triad

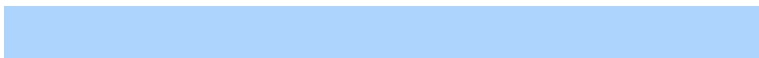
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 192, 191



179, 217, 216



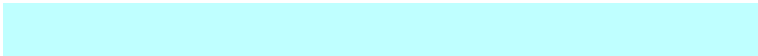
173, 199, 252

Complementary

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



255, 192, 191



191, 223, 255

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.



150, 189, 243



255, 192, 191



157, 194, 220

Square

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



255, 192, 191



165, 211, 169



144, 183, 224



204, 204, 250

Rectangle

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



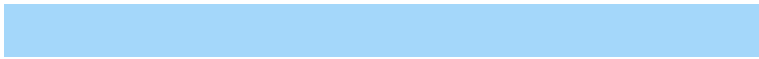
255, 192, 191



235, 237, 164



144, 183, 224



164, 196, 250

Sweetspot

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



255, 192, 191



255, 235, 235



255, 191, 255



128, 115, 115



0, 0, 0



128, 128, 128

Same Dimension

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



255, 192, 191



255, 180, 179



255, 255, 191



128, 115, 115



191, 3, 0



64, 1, 0

Inverse Universe

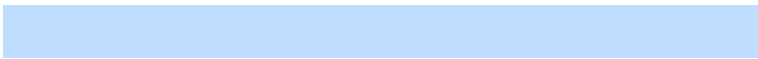
The Inverse Universe completely reimagines the original color for something new.



191, 223, 255



179, 217, 255



191, 212, 255



115, 121, 128



0, 95, 191



0, 32, 64

Previews

White Background



This preview shows how the RYB color 255, 192, 191 looks on a white background.

Color Contrast Check

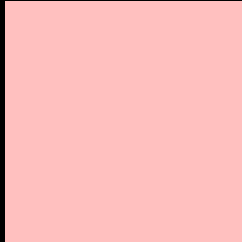
Large Text (above 18pt) WCAG AA × Fail

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 255, 192, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

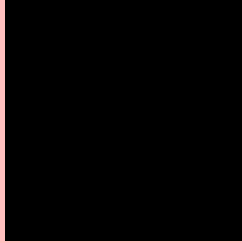
Any Text WCAG AA ✓ Pass

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 255, 192, 191 Background



This preview shows how black text looks on a background with the RYB color 255, 192, 191.

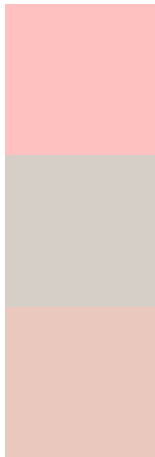


This preview shows how white text looks on a background with the RYB color 255, 192, 191.

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
255, 192, 191

Protanopia
212, 214, 199

Deuteranopia
235, 203, 189



Tritanopia
255, 191, 205

Trichromacy



Original Color
255, 192, 191

Protanomaly
229, 203, 196

Deuteranomaly
242, 198, 190

Tritanomaly
255, 191, 200

Monochromacy



Original Color
255, 192, 191

Achromatopsia
211, 211, 211

Achromatomaly
227, 204, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 192, 191 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(255, 192, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 191)  
}
```

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(255, 192, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 191) }
```

Border

The CSS property to change the border of an element to RYB 255, 192, 191 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(255, 192, 191) }
```

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

```
.border{ border-color:rgb(255, 192, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 255, 192, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 191) }
```

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

```
.background{ background-color: rgb(255,  
192, 191) }
```

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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