

Converting Colors

`RYB(252, 202, 203)`

Have a look what the booklet for
RYB(252, 202, 203) contains.

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Color

R_YB(252, 202, 203)

Conversions

Conversions Part 1

Format	Color
Hex	FCCACB
RGB	252, 202, 203
RGB Percent	99%, 79%, 80%
CMY	0.0118, 0.2078, 0.2039
CMYK	0.00, 0.20, 0.19, 0.01
HSL	359°, 89%, 89%
HSV	359°, 20%, 99%
XYZ	72.0449, 67.2483, 65.6830
YIQ	217.0640, 29.4790, 10.9110

Conversions

Conversions Part 2

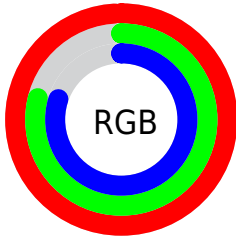
Format	Color
R _Y B	252, 202, 203
Decimal	16566987
CIE Lab	85.63, 17.83, 6.23
CIE LCh	86, 18.889, 19.267
Yxy	67.2483, 0.3515, 0.3281
Android (android.graphics.Color)	4294757067 (0xFFFCACB)
YUV	217.0640, -6.9336, 30.6389
Hunter-Lab	82.0051, 13.3109, 9.9145

Details

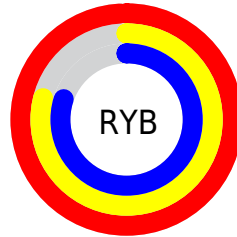
The RYB color **252, 202, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202, 227, 252**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 148, 149** is the 20% darker color. If you saturate the color by 10%, you get **252, 177, 178**, and if you desaturate by 10%, it is **252, 227, 228**.

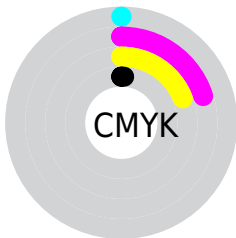
Distribution



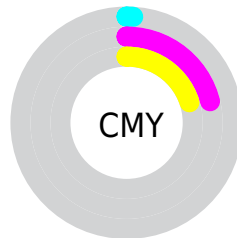
- Red (99%)
- Green (79%)
- Blue (80%)



- Red (99%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (1%)



- Cyan (1%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 202, 203 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 252, 202, 203 by changing the saturation by 10% instead.


 252, 202, 203

255, 255, 255

 252, 202, 203

 223, 175, 176

 195, 148, 149

 167, 122, 123

 140, 97, 98

 114, 73, 75

 89, 50, 52

 64, 28, 31

 42, 6, 6

 0, 0, 0

■ 252, 202, 203

■ 252, 202, 203

■ 252, 177, 178

■ 252, 227, 228

■ 252, 152, 154

■ 252, 252, 252

■ 252, 126, 129

■ 252, 254, 255

■ 252, 101, 104

■ 252, 76, 80

■ 252, 51, 55

■ 252, 26, 30

■ 252, 0, 5

Harmonies

Analogous

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



246, 202, 221



252, 202, 203



248, 212, 188

Triad

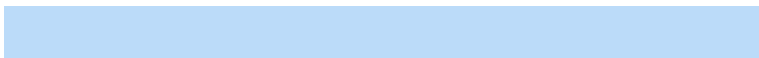
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 202, 203



190, 221, 216



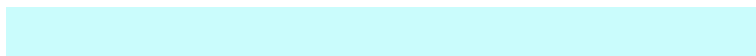
187, 208, 249

Complementary

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



252, 202, 203



202, 227, 252

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.



171, 200, 240



252, 202, 203



177, 206, 224

Square

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



252, 202, 203



180, 216, 180



168, 196, 225



209, 212, 248

Rectangle

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



252, 202, 203



240, 234, 181



168, 196, 225



180, 205, 247

Sweetspot

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



252, 202, 203



255, 240, 240



250, 202, 252



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

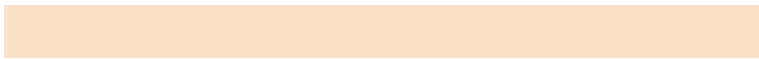
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 202, 203



255, 194, 195



252, 245, 202



125, 112, 113



189, 0, 4



61, 0, 1

Inverse Universe

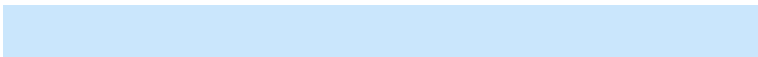
The Inverse Universe completely reimagines the original color for something new.



252, 202, 203



255, 194, 195



202, 220, 252



125, 112, 113



189, 0, 4



61, 0, 1

Previews

White Background



This preview shows how the RYB color 252, 202, 203 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 252, 202, 203 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 252, 202, 203 Background



This preview shows how black text looks on a background with the RYB color 252, 202, 203.



This preview shows how white text looks on a background with the RYB color 252, 202, 203.

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





Tritanopia
254, 200, 216

Trichromacy



Original Color

252, 202, 203

Protanomaly

231, 209, 207

Deuteranomaly

244, 205, 202

Tritanomaly

253, 201, 211

Monochromacy



Original Color

252, 202, 203

Achromatopsia

217, 217, 217

Achromatomaly

230, 212, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 202, 203 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(252, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(252, 202, 203)  
}
```

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(252, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 202, 203) }
```

Border

The CSS property to change the border of an element to RYB 252, 202, 203 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(252, 202, 203) }
```

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

```
.border{ border-color:rgb(252, 202, 203) }
```

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

Here you see how a box with a 4 pixel rgb(252, 202, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(252, 202,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 252, 202, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 202, 203) }
```

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

```
.background{ background-color: rgb(252,  
202, 203) }
```

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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