

Converting Colors

`RYB(250, 195, 214)`

Have a look what the booklet for RYB(250, 195, 214) contains.

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Color

R_YB(250, 195, 214)

Conversions

Conversions Part 1

Format	Color
Hex	FAC3D6
RGB	250, 195, 214
RGB Percent	98%, 76%, 84%
CMY	0.0196, 0.2353, 0.1608
CMYK	0.00, 0.22, 0.14, 0.02
HSL	339°, 85%, 87%
HSV	339°, 22%, 98%
XYZ	71.0770, 64.2092, 72.2658
YIQ	213.6110, 26.6810, 17.5690

Conversions

Conversions Part 2

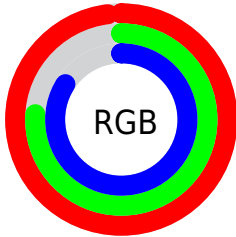
Format	Color
R _Y B	250, 195, 214
Decimal	16434134
CIE _{Lab}	84.07, 22.48, -1.91
CIE _{LCh}	84, 22.563, 355.133
Yxy	64.2092, 0.3425, 0.3094
Android (android.graphics.Color)	4294624214 (0xFFFA3D6)
YUV	213.6110, 0.1918, 31.9132
Hunter-Lab	80.1307, 18.1034, 2.6208

Details

The RYB color **250, 195, 214** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **195, 228, 250**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 252, 255**, and **193, 141, 159** is the 20% darker color. If you saturate the color by 10%, you get **250, 170, 198**, and if you desaturate by 10%, it is **250, 220, 230**.

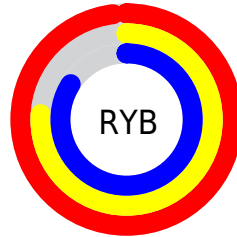
Distribution



Red (98%)

Green (76%)

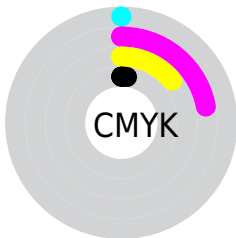
Blue (84%)



Red (98%)

Yellow (76%)

Blue (84%)

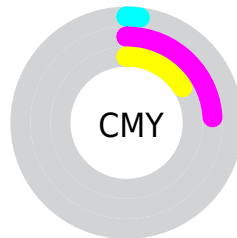


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (2%)



Cyan (2%)


Magenta (24%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 195, 214 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 250, 195, 214 by changing the saturation by 10% instead.

 250, 195, 214

255, 255, 255

 255, 252, 255

 250, 195, 214

 221, 168, 186

 193, 141, 159


 165, 115, 133

 138, 90, 108


 112, 66, 84


 87, 43, 61


 63, 21, 39

 41, 0, 18


 0, 0, 0

 250, 195, 214


 250, 195, 214

 250, 170, 198


 250, 220, 230


 250, 145, 181

 250, 245, 247

 250, 120, 165

 250, 253, 255

 250, 95, 149

 250, 70, 132

 250, 45, 116

 250, 20, 99

 250, 0, 86

Harmonies

Analogous

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



234, 199, 234



250, 195, 214



254, 196, 193

Triad

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



250, 195, 214



171, 214, 178



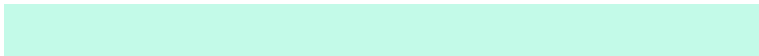
159, 194, 244

Complementary

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



250, 195, 214



195, 228, 250

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.



152, 188, 227



250, 195, 214



183, 217, 219

Square

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



250, 195, 214



205, 230, 168



162, 197, 222



181, 203, 252

Rectangle

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



250, 195, 214



250, 204, 180



162, 197, 222



154, 191, 239

Sweetspot

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



250, 195, 214



255, 237, 243



231, 195, 250



128, 117, 121



0, 0, 0



128, 128, 128

Same Dimension

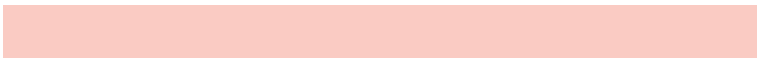
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250, 195, 214



255, 189, 212



250, 204, 195



125, 112, 117



189, 0, 65



61, 0, 21

Inverse Universe

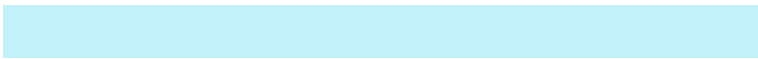
The Inverse Universe completely reimagines the original color for something new.



250, 195, 214



255, 189, 212



195, 220, 250



125, 112, 117



189, 0, 65



61, 0, 21

Previews

White Background



This preview shows how the RYB color 250, 195, 214 looks on a white background.

Color Contrast Check

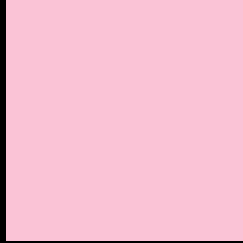
Large Text (above 18pt) WCAG AA × Fail

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 250, 195, 214 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 250, 195, 214 Background



This preview shows how black text looks on a background with the RYB color 250, 195, 214.




This preview shows how white text looks on a background with the RYB color 250, 195, 214.

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
250, 196, 211

Trichromacy



Original Color
250, 195, 214

Protanomaly
225, 204, 219

Deuteranomaly
237, 200, 213

Tritanomaly
250, 196, 212

Monochromacy



Original Color
250, 195, 214

Achromatopsia
214, 214, 214

Achromatomaly
227, 207, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 195, 214 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(250, 195, 214) looks like.

```
.text, #text, p{  
    color:rgb(250, 195, 214)  
}
```

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(250, 195, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 195, 214) }
```

Border

The CSS property to change the border of an element to RYB 250, 195, 214 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(250, 195, 214) }
```

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

```
.border{ border-color:rgb(250, 195, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 195, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 195, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 195, 214);  
box-shadow:4px 4px 4px 4px rgb(250, 195,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 250, 195, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 195, 214) }
```

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

```
.background{ background-color: rgb(250,  
195, 214) }
```

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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