

Converting Colors

`RYB(252, 221, 238)`

Have a look what the booklet for RYB(252, 221, 238) contains.

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Color

R_YB(252, 221, 238)

Conversions

Conversions Part 1

Format	Color
Hex	FCDDEE
RGB	252, 221, 238
RGB Percent	99%, 87%, 93%
CMY	0.0118, 0.1333, 0.0667
CMYK	0.00, 0.12, 0.06, 0.01
HSL	327°, 84%, 93%
HSV	327°, 12%, 99%
XYZ	81.4340, 78.5814, 91.7646
YIQ	232.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

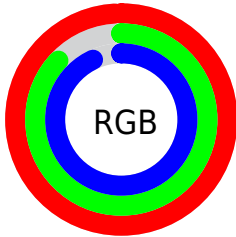
Format	Color
RYB	252, 221, 238
Decimal	16571886
CIELab	91.04, 13.49, -4.36
CIELCh	91, 14.176, 342.104
Yxy	78.5814, 0.3234, 0.3121
Android (android.graphics.Color)	4294761966 (0xFFFCDDEE)
YUV	232.2070, 2.8559, 17.3585
Hunter-Lab	88.6461, 8.8466, 0.6766

Details

The RYB color **252, 221, 238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **221, 242, 252**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **195, 166, 182** is the 20% darker color. If you saturate the color by 10%, you get **252, 196, 227**, and if you desaturate by 10%, it is **252, 246, 249**.

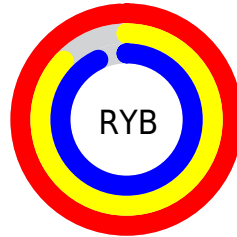
Distribution



Red (99%)

Green (87%)

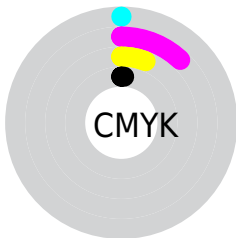
Blue (93%)



Red (99%)

Yellow (87%)

Blue (93%)

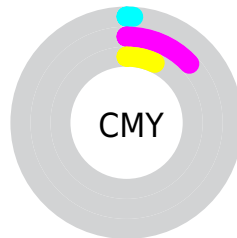


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (1%)



Cyan (1%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 221, 238 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, 221, 238 by changing the saturation by 10% instead.

 252, 221, 238

255, 255, 255

 252, 221, 238


 223, 193, 210

 195, 166, 182

 168, 139, 155

 141, 114, 129

 116, 89, 104

 91, 66, 80


 67, 43, 57

 45, 23, 36


 26, 0, 14

 252, 221, 238


 252, 221, 238


 252, 196, 227

 252, 246, 249

 252, 171, 215

 252, 254, 255


 252, 145, 204

 252, 120, 192

 252, 95, 181

 252, 70, 170

 252, 45, 158

 252, 19, 147

 252, 0, 138

Harmonies

Analogous

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



239, 224, 250



252, 221, 238



255, 220, 224

Triad

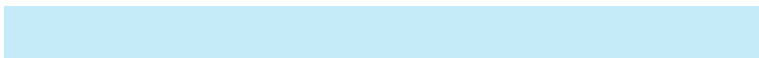
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 221, 238



209, 235, 203



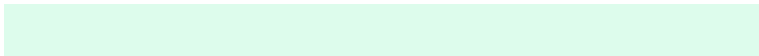
196, 218, 247

Complementary

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



252, 221, 238



221, 242, 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.



196, 217, 237



252, 221, 238



209, 234, 224

Square

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



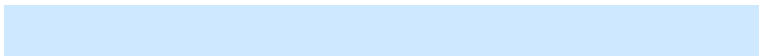
252, 221, 238



248, 248, 204



205, 226, 237



206, 223, 255

Rectangle

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



252, 221, 238



255, 222, 215



205, 226, 237



195, 217, 243

Sweetspot

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



252, 221, 238



255, 245, 250



235, 221, 252



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

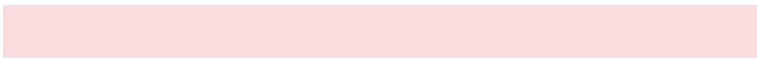
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 221, 238



255, 217, 238



252, 221, 223



125, 112, 119



189, 0, 103



61, 0, 34

Inverse Universe

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



252, 221, 238



255, 217, 238



221, 237, 252



125, 112, 119



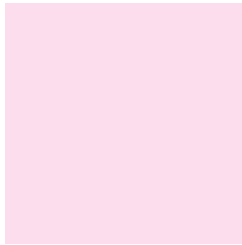
189, 0, 103



61, 0, 34

Previews

White Background



This preview shows how the RYB color 252, 221, 238 looks on a white background.

Color Contrast Check

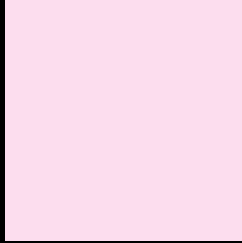
Large Text (above 18pt) WCAG AA × Fail

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, 221, 238 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](#).

RYP 252, 221, 238 Background



This preview shows how black text looks on a background with the RYP color 252, 221, 238.

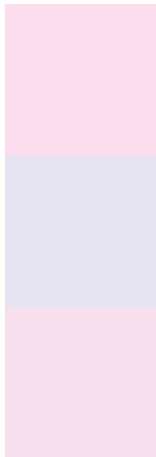


This preview shows how white text looks on a background with the RYP color 252, 221, 238.

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
252, 221, 238

Protanopia
230, 228, 242

Deuteranopia
248, 223, 238



Tritanopia
252, 221, 238

Trichromacy



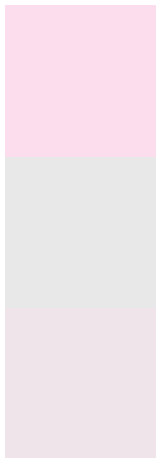
Original Color
252, 221, 238

Protanomaly
238, 225, 241

Deuteranomaly
249, 222, 238

Tritanomaly
252, 221, 238

Monochromacy



Original Color
252, 221, 238

Achromatopsia
232, 232, 232

Achromatomaly
239, 228, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 221, 238 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, 221, 238) looks like.

```
.text, #text, p{  
    color:rgb(252, 221, 238)  
}
```

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, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 221, 238) }
```

Border

The CSS property to change the border of an element to RYB 252, 221, 238 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, 221, 238) }
```

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

```
.border{ border-color:rgb(252, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(252, 221,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 252, 221, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 221, 238) }
```

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

```
.background{ background-color: rgb(252,  
221, 238) }
```

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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