

Converting Colors

RYB(221, 202, 223)

Have a look what the booklet for RYB(221, 202, 223) contains.

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Color

R_YB(221, 202, 223)

Conversions

Conversions Part 1

Format	Color
Hex	DDCADF
RGB	221, 202, 223
RGB Percent	87%, 79%, 87%
CMY	0.1333, 0.2078, 0.1255
CMYK	0.01, 0.09, 0.00, 0.13
HSL	294°, 25%, 83%
HSV	294°, 9%, 87%
XYZ	64.2586, 62.9409, 78.5741
YIQ	210.0750, 4.5830, 10.5590

Conversions

Conversions Part 2

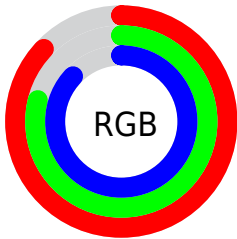
Format	Color
R _Y B	221, 202, 223
Decimal	14535391
CIE Lab	83.41, 10.34, -7.99
CIE LCh	83, 13.068, 322.289
Yxy	62.9409, 0.3123, 0.3059
Android (android.graphics.Color)	4292725471 (0xFFDDCADF)
YUV	210.0750, 6.3720, 9.5812
Hunter-Lab	79.3353, 5.7414, -3.1864

Details

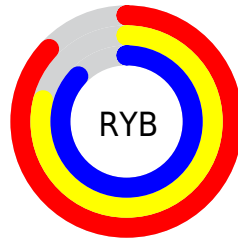
The RYB color **221, 202, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 223, 221**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 148, 168** is the 20% darker color. If you saturate the color by 10%, you get **219, 180, 223**, and if you desaturate by 10%, it is **223, 224, 224**.

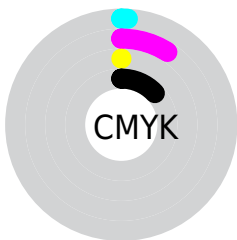
Distribution



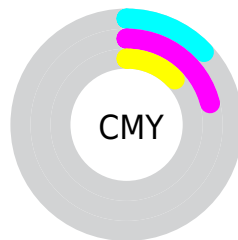
- Red (87%)
- Green (79%)
- Blue (87%)



- Red (87%)
- Yellow (79%)
- Blue (87%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 202, 223 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 221, 202, 223 by changing the saturation by 10% instead.

■ 221, 202, 223

255, 255, 255

■ 221, 202, 223

■ 193, 175, 195

■ 166, 148, 168

■ 139, 122, 141

■ 114, 97, 116

■ 89, 73, 91

■ 66, 51, 68


■ 44, 30, 46

■ 24, 5, 25

■ 0, 0, 0

 221, 202, 223

 221, 202, 223

 219, 180, 223


 223, 224, 224

 217, 157, 223

 223, 247, 245

 215, 135, 223


 223, 255, 251

 213, 113, 223


 223, 255, 249

 210, 90, 223


 223, 255, 246

 208, 68, 223

 223, 255, 244

 206, 46, 223

 223, 255, 242

 204, 24, 223

 223, 255, 240

 202, 1, 223

 223, 255, 238

Harmonies

Analogous

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



206, 206, 230



221, 202, 223



231, 200, 211

Triad

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



221, 202, 223



209, 221, 184



177, 196, 217

Complementary

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



221, 202, 223



202, 223, 221

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.



182, 202, 215



221, 202, 223



185, 210, 187

Square

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



221, 202, 223



231, 208, 189



193, 213, 212



180, 199, 227

Rectangle

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



221, 202, 223



234, 200, 203



193, 213, 212



178, 197, 215

Sweetspot

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



221, 202, 223



254, 247, 255



202, 204, 223



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 202, 223



252, 227, 255



223, 202, 215



111, 101, 112



159, 0, 176



44, 0, 48

Inverse Universe

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



223, 202, 204



255, 227, 230



202, 217, 223



112, 101, 102



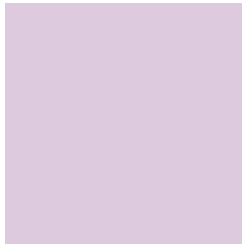
176, 0, 17



48, 0, 5

Previews

White Background



This preview shows how the RYB color 221, 202, 223 looks on a white background.

Color Contrast Check

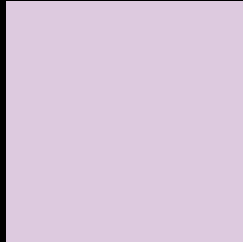
Large Text (above 18pt) WCAG AA × Fail

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 221, 202, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

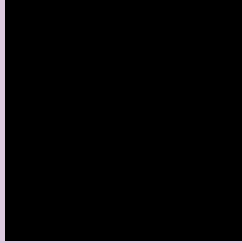
Any Text WCAG AA ✓ Pass

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 221, 202, 223 Background



This preview shows how black text looks on a background with the RYB color 221, 202, 223.



This preview shows how white text looks on a background with the RYB color 221, 202, 223.

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 221, 202, 223
	Protanopia 206, 207, 226
	Deuteranopia 221, 202, 223



Tritanopia
220, 203, 219

Trichromacy



Original Color

221, 202, 223

Protanomaly

211, 205, 225

Deuteranomaly

221, 202, 223

Tritanomaly

220, 203, 220

Monochromacy



Original Color

221, 202, 223

Achromatopsia

210, 210, 210

Achromatomaly

214, 207, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 202, 223 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(221, 202, 223)` looks like.

```
.text, #text, p{  
    color:rgb(221, 202, 223)  
}
```

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(221, 202, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 223) }
```

Border

The CSS property to change the border of an element to RYB 221, 202, 223 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(221, 202, 223) }
```

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

```
.border{ border-color:rgb(221, 202, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 202, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 202, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 202, 223);  
box-shadow:4px 4px 4px 4px rgb(221, 202,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 221, 202, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 223) }
```

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

```
.background{ background-color: rgb(221,  
202, 223) }
```

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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