

Converting Colors

`RYB(221, 185, 215)`

Have a look what the booklet for
RYB(221, 185, 215) contains.

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Color

R_YB(221, 185, 215)

Conversions

Conversions Part 1

Format	Color
Hex	DDB9D7
RGB	221, 185, 215
RGB Percent	87%, 73%, 84%
CMY	0.1333, 0.2745, 0.1569
CMYK	0.00, 0.16, 0.03, 0.13
HSL	310°, 35%, 80%
HSV	310°, 16%, 87%
XYZ	59.4335, 54.9764, 71.7690
YIQ	199.1840, 11.8260, 16.9620

Conversions

Conversions Part 2

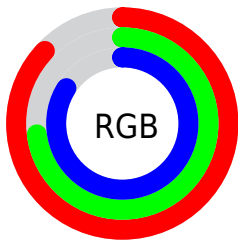
Format	Color
R_{YB}	221, 185, 215
Decimal	14531031
CIE _{Lab}	79.03, 17.96, -10.22
CIE _{LCh}	79, 20.663, 330.372
Yxy	54.9764, 0.3192, 0.2953
Android (android.graphics.Color)	4292721111 (0xFFDDB9D7)
YUV	199.1840, 7.7973, 19.1326
Hunter-Lab	74.1461, 13.3252, -5.4870

Details

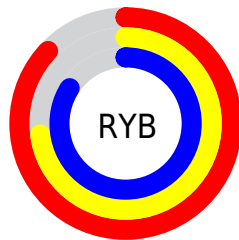
The RYB color **221, 185, 215** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **185, 216, 221**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 241, 255**, and **166, 132, 160** is the 20% darker color. If you saturate the color by 10%, you get **221, 163, 211**, and if you desaturate by 10%, it is **221, 207, 219**.

Distribution



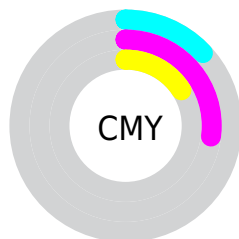
- Red (87%)
- Green (73%)
- Blue (84%)



- Red (87%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 221, 185, 215 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, 185, 215 by changing the saturation by 10% instead.

 221, 185, 215

255, 255, 255

 255, 241, 255

 221, 185, 215

 193, 158, 187

 166, 132, 160

 139, 106, 134

 113, 82, 109


 89, 59, 84


 65, 37, 61


 42, 16, 39


 22, 0, 19


 0, 0, 0

 221, 185, 215


 221, 185, 215


 221, 163, 211


 221, 207, 219


 221, 141, 208


 221, 228, 229


 221, 119, 204


 221, 247, 251

 221, 97, 200


 221, 248, 255

 221, 75, 197


 221, 246, 255

 221, 52, 193


 221, 244, 255

 221, 30, 189

 221, 242, 255

 221, 8, 186

 221, 241, 255

 221, 0, 184

 221, 240, 255

Harmonies

Analogous

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



199, 191, 229



221, 185, 215



234, 182, 196

Triad

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



221, 185, 215



180, 210, 157



144, 177, 214

Complementary

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



221, 185, 215



185, 216, 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.



150, 182, 207



221, 185, 215



162, 200, 173

Square

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



221, 185, 215



227, 204, 163



168, 198, 205



153, 183, 228

Rectangle

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



221, 185, 215



236, 183, 183



168, 198, 205



144, 176, 208

Sweetspot

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



221, 185, 215



255, 242, 253



191, 185, 221



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



221, 185, 215



255, 204, 246



221, 185, 197



110, 99, 108



173, 0, 144



46, 0, 38

Inverse Universe

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



221, 185, 215



255, 204, 246



185, 207, 221



110, 99, 108



173, 0, 144



46, 0, 38

Previews

White Background



This preview shows how the RYB color 221, 185, 215 looks on a white background.

Color Contrast Check

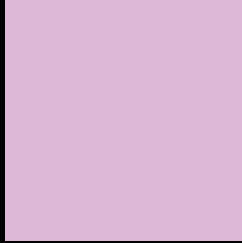
Large Text (above 18pt) WCAG AA × Fail

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, 185, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

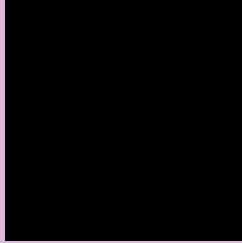
Any Text WCAG AA ✓ Pass

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, 185, 215 Background



This preview shows how black text looks on a background with the RYB color 221, 185, 215.



This preview shows how white text looks on a background with the RYB color 221, 185, 215.

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, 185, 215

Protanopia
192, 194, 221

Deuteranopia
207, 190, 214



Tritanopia
219, 187, 202

Trichromacy



Original Color
221, 185, 215

Protanomaly
203, 191, 219

Deuteranomaly
212, 188, 214

Tritanomaly
220, 186, 207

Monochromacy



Original Color
221, 185, 215

Achromatopsia
199, 199, 199

Achromatomaly
207, 194, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 185, 215 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, 185, 215)` looks like.

```
.text, #text, p{  
    color:rgb(221, 185, 215)  
}
```

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, 185, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 185, 215) }
```

Border

The CSS property to change the border of an element to RYB 221, 185, 215 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, 185, 215) }
```

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

```
.border{ border-color:rgb(221, 185, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 185, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 185, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 185, 215);  
box-shadow:4px 4px 4px 4px rgb(221, 185,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 221, 185, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 185, 215) }
```

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

```
.background{ background-color: rgb(221,  
185, 215) }
```

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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