

Converting Colors

`RYB(202, 189, 215)`

Have a look what the booklet for RYB(202, 189, 215) contains.

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Color

R_YB(202, 189, 215)

Conversions

Conversions Part 1

Format	Color
Hex	CABDD7
RGB	202, 189, 215
RGB Percent	79%, 74%, 84%
CMY	0.2078, 0.2588, 0.1569
CMYK	0.06, 0.12, 0.00, 0.16
HSL	270°, 25%, 79%
HSV	270°, 12%, 84%
XYZ	54.8205, 53.8580, 71.7963
YIQ	195.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

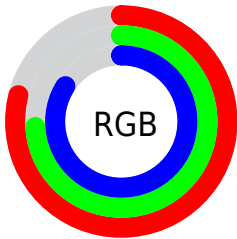
Format	Color
R _Y B	202, 189, 215
Decimal	13286871
CIE Lab	78.38, 9.40, -11.36
CIE LCh	78, 14.740, 309.608
Yxy	53.8580, 0.3038, 0.2984
Android (android.graphics.Color)	4291476951 (0xFFCABDD7)
YUV	195.8510, 9.4405, 5.3927
Hunter-Lab	73.3880, 4.9094, -6.6324

Details

The RYB color **202, 189, 215** is a light color, and the websafe version is hex **C4CCFF**. A complement of this color would be **189, 215, 202**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 245, 255**, and **148, 136, 160** is the 20% darker color. If you saturate the color by 10%, you get **191, 168, 215**, and if you desaturate by 10%, it is **213, 211, 215**.

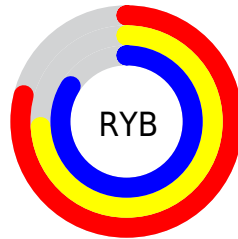
Distribution



Red (79%)

Green (74%)

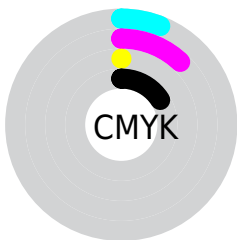
Blue (84%)



Red (79%)

Yellow (74%)

Blue (84%)

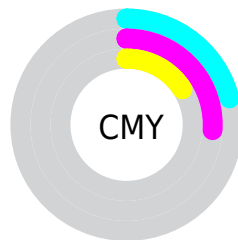


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (16%)



Cyan (21%)

Magenta (26%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 189, 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 202, 189, 215 by changing the saturation by 10% instead.

■ 202, 189, 215

255, 255, 255

■ 255, 245, 255

■ 202, 189, 215

■ 175, 162, 187

■ 148, 136, 160

■ 122, 110, 134

■ 97, 86, 109

■ 73, 63, 84

■ 50, 41, 61


■ 29, 20, 39

■ 0, 0, 19


■ 0, 0, 0

 202, 189, 215


 202, 189, 215

 191, 168, 215


 213, 211, 215

 180, 146, 215


 215, 232, 223

 170, 125, 215

 215, 254, 235

 159, 103, 215


 215, 255, 225

 148, 82, 215

 215, 255, 215

 137, 60, 215

 127, 39, 215

 116, 17, 215

 107, 0, 215

Harmonies

Analogous

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



185, 192, 221



202, 189, 215



216, 186, 204

Triad

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



202, 189, 215



214, 208, 169



160, 182, 202

Complementary

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



202, 189, 215



189, 215, 202

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.



170, 191, 201



202, 189, 215



174, 200, 167

Square

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



202, 189, 215



222, 188, 177



173, 198, 186



160, 183, 211

Rectangle

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



202, 189, 215



221, 185, 195



173, 198, 186



163, 185, 202

Sweetspot

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



202, 189, 215



250, 245, 255



189, 198, 215



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 189, 215



236, 217, 255



215, 189, 215



102, 96, 107



85, 0, 171



22, 0, 43

Inverse Universe

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



215, 189, 202



255, 217, 236



189, 215, 215



107, 96, 102



171, 0, 85



43, 0, 22

Previews

White Background



This preview shows how the RYB color 202, 189, 215 looks on a white background.

Color Contrast Check

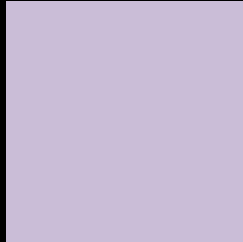
Large Text (above 18pt) WCAG AA × Fail

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 202, 189, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

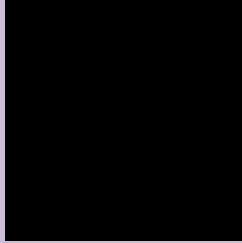
Any Text WCAG AA ✓ Pass

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](#).

RYP 202, 189, 215 Background



This preview shows how black text looks on a background with the RYB color 202, 189, 215.



This preview shows how white text looks on a background with the RYB color 202, 189, 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
202, 189, 215

Protanopia
190, 192, 217

Deuteranopia
203, 189, 215



Tritanopia
201, 191, 206

Trichromacy



Original Color

202, 189, 215

Protanomaly

194, 191, 216

Deuteranomaly

203, 189, 215

Tritanomaly

201, 190, 209

Monochromacy



Original Color

202, 189, 215

Achromatopsia

196, 196, 196

Achromatomaly

198, 193, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 189, 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(202, 189, 215) looks like.

```
.text, #text, p{  
    color:rgb(202, 189, 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(202, 189, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 189, 215) }
```

Border

The CSS property to change the border of an element to RYB 202, 189, 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(202, 189, 215) }
```

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

```
.border{ border-color:rgb(202, 189, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 189, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 189, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 189, 215);  
box-shadow:4px 4px 4px 4px rgb(202, 189,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 202, 189, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 189, 215) }
```

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

```
.background{ background-color: rgb(202,  
189, 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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