

Converting Colors

`RYB(202, 189, 218)`

Have a look what the booklet for RYB(202, 189, 218) contains.

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Color

R_YB(202, 189, 218)

Conversions

Conversions Part 1

Format	Color
Hex	CABDDA
RGB	202, 189, 218
RGB Percent	79%, 74%, 85%
CMY	0.2078, 0.2588, 0.1451
CMYK	0.07, 0.13, 0.00, 0.15
HSL	267°, 28%, 80%
HSV	267°, 13%, 85%
XYZ	55.2096, 54.0137, 73.8455
YIQ	196.1930, -1.5610, 11.7750

Conversions

Conversions Part 2

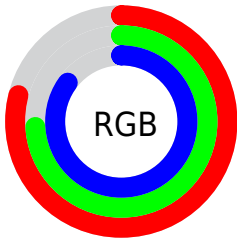
Format	Color
R _Y B	202, 189, 218
Decimal	13286874
CIE Lab	78.47, 9.99, -12.84
CIE LCh	78, 16.267, 307.879
Yxy	54.0137, 0.3016, 0.2950
Android (android.graphics.Color)	4291476954 (0xFFCABDDA)
YUV	196.1930, 10.7509, 5.0927
Hunter-Lab	73.4940, 5.4769, -8.1277

Details

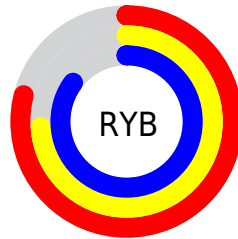
The RYB color **202, 189, 218** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **189, 218, 202**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 245, 255**, and **148, 136, 163** is the 20% darker color. If you saturate the color by 10%, you get **190, 167, 218**, and if you desaturate by 10%, it is **214, 211, 218**.

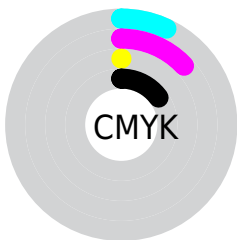
Distribution



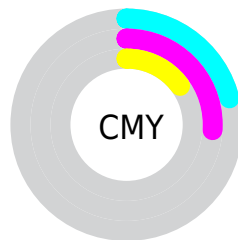
- Red (79%)
- Green (74%)
- Blue (85%)



- Red (79%)
- Yellow (74%)
- Blue (85%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 189, 218 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, 218 by changing the saturation by 10% instead.

■ 202, 189, 218

255, 255, 255

■ 255, 245, 255

■ 202, 189, 218

■ 175, 162, 190

■ 148, 136, 163

■ 122, 110, 137

■ 97, 86, 111

■ 73, 63, 87

■ 50, 41, 64

■ 29, 20, 42

■ 0, 0, 21

■ 0, 0, 0

■ 202, 189, 218

■ 202, 189, 218

■ 190, 167, 218

■ 214, 211, 218

■ 178, 145, 218

■ 218, 233, 225

■ 166, 124, 218

■ 218, 254, 234

■ 154, 102, 218

■ 218, 255, 223

■ 142, 80, 218

■ 218, 255, 218

■ 130, 58, 218

■ 118, 36, 218

■ 106, 15, 218

■ 98, 0, 218

Harmonies

Analogous

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



183, 192, 224



202, 189, 218



217, 185, 206

Triad

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



202, 189, 218



217, 206, 167



157, 181, 203

Complementary

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



202, 189, 218



189, 218, 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.



168, 192, 202



202, 189, 218



174, 202, 164

Square

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



202, 189, 218



225, 187, 176



170, 199, 184



156, 181, 212

Rectangle

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



202, 189, 218



224, 184, 196



170, 199, 184



160, 185, 203

Sweetspot

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



202, 189, 218



249, 245, 255



189, 199, 218



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, 218



232, 214, 255



216, 189, 218



104, 99, 110



78, 0, 173



21, 0, 46

Inverse Universe

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



218, 189, 205



255, 214, 237



189, 218, 216



110, 99, 105



173, 0, 96



46, 0, 25

Previews

White Background



This preview shows how the RYB color 202, 189, 218 looks on a white background.

Color Contrast Check

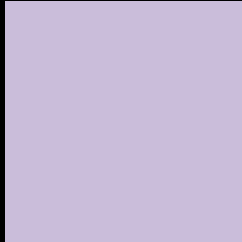
Large Text (above 18pt) WCAG AA × Fail

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, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

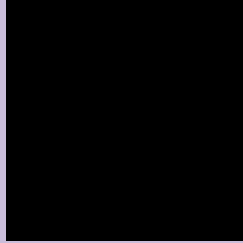
Any Text WCAG AA ✓ Pass

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 202, 189, 218 Background



This preview shows how black text looks on a background with the RYB color 202, 189, 218.



This preview shows how white text looks on a background with the RYB color 202, 189, 218.

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, 218

Protanopia
190, 193, 220

Deuteranopia
202, 189, 218



Tritanopia
200, 191, 206

Trichromacy



Original Color

202, 189, 218

Protanomaly

194, 192, 219

Deuteranomaly

202, 189, 218

Tritanomaly

201, 190, 210

Monochromacy



Original Color

202, 189, 218

Achromatopsia

196, 196, 196

Achromatomaly

198, 193, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 189, 218 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, 218) looks like.

```
.text, #text, p{  
    color:rgb(202, 189, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 189, 218) }
```

Border

The CSS property to change the border of an element to RYB 202, 189, 218 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, 218) }
```

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

```
.border{ border-color:rgb(202, 189, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 189, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 189, 218);  
box-shadow:4px 4px 4px 4px rgb(202, 189,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 202, 189, 218 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, 218) }
```

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

```
.background{ background-color: rgb(202,  
189, 218) }
```

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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