

Converting Colors

`RYB(210, 188, 201)`

Have a look what the booklet for RYB(210, 188, 201) contains.

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Color

R_YB(210, 188, 201)

Conversions

Conversions Part 1

Format	Color
Hex	D2BCC9
RGB	210, 188, 201
RGB Percent	82%, 74%, 79%
CMY	0.1765, 0.2627, 0.2118
CMYK	0.00, 0.10, 0.04, 0.18
HSL	325°, 20%, 78%
HSV	325°, 10%, 82%
XYZ	55.1042, 53.8851, 62.7549
YIQ	196.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

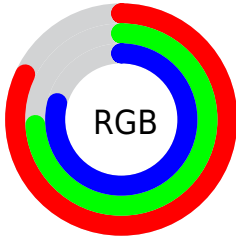
Format	Color
R _Y B	210, 188, 201
Decimal	13810889
CIE Lab	78.39, 10.05, -3.69
CIE LCh	78, 10.702, 339.825
Yxy	53.8851, 0.3209, 0.3138
Android (android.graphics.Color)	4292000969 (0xFFD2BCC9)
YUV	196.0600, 2.4354, 12.2254
Hunter-Lab	73.4065, 5.5336, 0.6978

Details

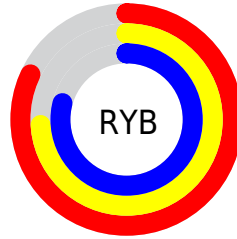
The RYB color **210, 188, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 204, 210**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 244, 255**, and **155, 135, 147** is the 20% darker color. If you saturate the color by 10%, you get **210, 167, 192**, and if you desaturate by 10%, it is **210, 209, 210**.

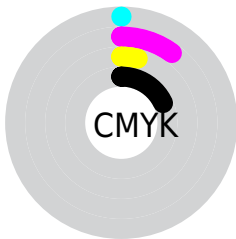
Distribution



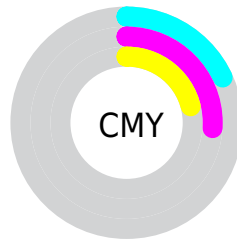
- Red (82%)
- Green (74%)
- Blue (79%)



- Red (82%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 188, 201 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 210, 188, 201 by changing the saturation by 10% instead.

■ 210, 188, 201

255, 255, 255

■ 255, 244, 255

■ 210, 188, 201

■ 182, 161, 174

■ 155, 135, 147

■ 129, 109, 121

■ 104, 85, 97

■ 80, 62, 73


■ 57, 40, 50


■ 35, 19, 29

■ 7, 0, 2


■ 0, 0, 0

 210, 188, 201


 210, 188, 201

 210, 167, 192


 210, 209, 210

 210, 146, 184

 210, 224, 230

 210, 125, 175

 210, 239, 251

 210, 104, 167

 210, 239, 255

 210, 83, 158

 210, 236, 255


 210, 62, 149

 210, 233, 255

 210, 41, 141

 210, 233, 255

 210, 20, 132

 210, 0, 124

Harmonies

Analogous

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



200, 190, 209



210, 188, 201



215, 187, 191

Triad

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



210, 188, 201



180, 199, 174



170, 186, 206

Complementary

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



210, 188, 201



188, 204, 210

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, 186, 200



210, 188, 201



179, 197, 189

Square

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



210, 188, 201



209, 204, 176



177, 192, 199



176, 189, 212

Rectangle

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



210, 188, 201



215, 189, 184



177, 192, 199



169, 185, 203

Sweetspot

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



210, 188, 201



255, 247, 252



197, 188, 210



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

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



210, 188, 201



255, 222, 241



210, 188, 190



105, 94, 100



168, 0, 99



41, 0, 24

Inverse Universe

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



210, 188, 201



255, 222, 241



188, 200, 210



105, 94, 100



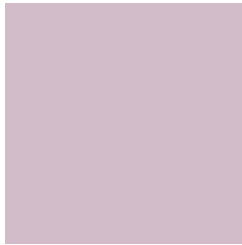
168, 0, 99



41, 0, 24

Previews

White Background



This preview shows how the RYB color 210, 188, 201 looks on a white background.

Color Contrast Check

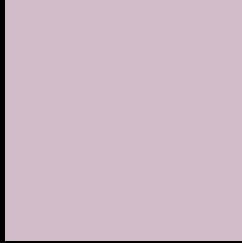
Large Text (above 18pt) WCAG AA × Fail

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 210, 188, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

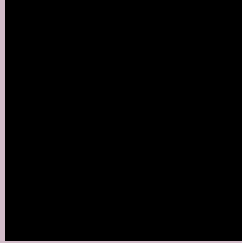
Any Text WCAG AA ✓ Pass

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 210, 188, 201 Background



This preview shows how black text looks on a background with the RYB color 210, 188, 201.






This preview shows how white text looks on a background with the RYB color 210, 188, 201.

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 210, 188, 201
	Protanopia 195, 193, 204
	Deuteranopia 210, 188, 201



Tritanopia
210, 188, 202

Trichromacy



Original Color

210, 188, 201

Protanomaly

200, 191, 203

Deuteranomaly

210, 188, 201

Tritanomaly

210, 188, 202

Monochromacy



Original Color

210, 188, 201

Achromatopsia

196, 196, 196

Achromatomaly

201, 193, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 188, 201 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(210, 188, 201) looks like.

```
.text, #text, p{  
    color:rgb(210, 188, 201)  
}
```

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(210, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 188, 201) }
```

Border

The CSS property to change the border of an element to RYB 210, 188, 201 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(210, 188, 201) }
```

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

```
.border{ border-color:rgb(210, 188, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 188, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 188,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 210, 188, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 188, 201) }
```

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

```
.background{ background-color: rgb(210,  
188, 201) }
```

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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