

Converting Colors

`RYB(212, 196, 202)`

Have a look what the booklet for
RYB(212, 196, 202) contains.

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Color

R_YB(212, 196, 202)

Conversions

Conversions Part 1

Format	Color
Hex	D4C4CA
RGB	212, 196, 202
RGB Percent	83%, 77%, 79%
CMY	0.1686, 0.2314, 0.2078
CMYK	0.00, 0.08, 0.05, 0.17
HSL	338°, 16%, 80%
HSV	338°, 8%, 83%
XYZ	57.5520, 57.7412, 63.9890
YIQ	201.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

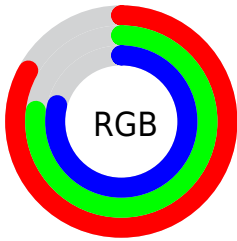
Format	Color
RYB	212, 196, 202
Decimal	13944010
CIELab	80.59, 6.65, -0.98
CIElCh	81, 6.719, 351.597
Yxy	57.7412, 0.3210, 0.3221
Android (android.graphics.Color)	4292134090 (0xFFD4C4CA)
YUV	201.4680, 0.2623, 9.2366
Hunter-Lab	75.9876, 2.2151, 3.2634

Details

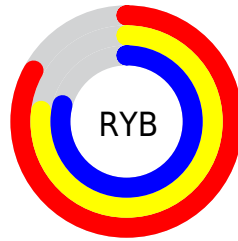
The RYB color **212, 196, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 206, 212**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is 255, 253, 255, and **157, 142, 148** is the 20% darker color. If you saturate the color by 10%, you get **212, 175, 189**, and if you desaturate by 10%, it is **212, 215, 217**.

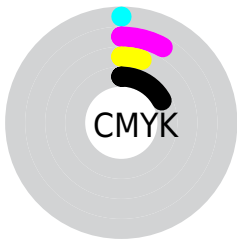
Distribution



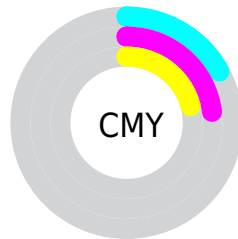
- Red (83%)
- Green (77%)
- Blue (79%)



- Red (83%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (17%)




- Cyan (17%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 196, 202 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 212, 196, 202 by changing the saturation by 10% instead.

 212, 196, 202


255, 255, 255

 255, 253, 255

 212, 196, 202

 184, 169, 175

 157, 142, 148

 131, 117, 122

 106, 92, 97

 82, 69, 74

 59, 46, 51


 37, 26, 30

 17, 0, 5


 0, 0, 0

 212, 196, 202


 212, 196, 202

 212, 175, 189


 212, 215, 217

 212, 154, 175

 212, 228, 238

 212, 132, 162

 212, 237, 255

 212, 111, 149

 212, 234, 255

 212, 90, 136

 212, 69, 122

 212, 48, 109

 212, 26, 96

 212, 5, 83

Harmonies

Analogous

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



207, 197, 208



212, 196, 202



214, 196, 196

Triad

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



212, 196, 202



188, 201, 189



186, 196, 210

Complementary

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



212, 196, 202



196, 206, 212

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.



185, 195, 204



212, 196, 202



192, 203, 202

Square

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



212, 196, 202



202, 207, 188



187, 197, 204



192, 198, 212

Rectangle

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



212, 196, 202



213, 199, 192



187, 197, 204



185, 195, 208

Sweetspot

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



212, 196, 202



255, 250, 252



206, 196, 212



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



212, 196, 202



255, 232, 241



212, 198, 196



107, 96, 100



171, 0, 64



43, 0, 16

Inverse Universe

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



212, 196, 202



255, 232, 241



196, 203, 212



107, 96, 100



171, 0, 64



43, 0, 16

Previews

White Background



This preview shows how the RYB color 212, 196, 202 looks on a white background.

Color Contrast Check

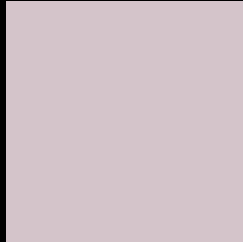
Large Text (above 18pt) WCAG AA × Fail

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 212, 196, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

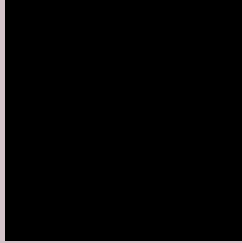
Any Text WCAG AA ✓ Pass

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](#).

R Y B 212, 196, 202 Background



This preview shows how black text looks on a background with the R Y B color 212, 196, 202.



This preview shows how white text looks on a background with the R Y B color 212, 196, 202.

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
[212](#), [196](#), [202](#)

Protanopia
[202](#), [199](#), [204](#)

Deuteranopia
[218](#), [194](#), [202](#)



Tritanopia
213, 195, 210

Trichromacy



Original Color

212, 196, 202

Protanomaly

206, 198, 203

Deuteranomaly

216, 195, 202

Tritanomaly

213, 195, 207

Monochromacy



Original Color

212, 196, 202

Achromatopsia

201, 201, 201

Achromatomaly

205, 199, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 196, 202 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(212, 196, 202) looks like.

```
.text, #text, p{  
    color:rgb(212, 196, 202)  
}
```

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(212, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 202) }
```

Border

The CSS property to change the border of an element to RYB 212, 196, 202 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(212, 196, 202) }
```

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

```
.border{ border-color:rgb(212, 196, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 196, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 196, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 196, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 196,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 212, 196, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 202) }
```

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

```
.background{ background-color: rgb(212,  
196, 202) }
```

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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