

Converting Colors

`RYB(222, 200, 207)`

Have a look what the booklet for
RYB(222, 200, 207) contains.

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Color

`RYB(222, 200, 207)`

Conversions

Conversions Part 1

Format	Color
Hex	DEC8CF
RGB	222, 200, 207
RGB Percent	87%, 78%, 81%
CMY	0.1294, 0.2157, 0.1882
CMYK	0.00, 0.10, 0.07, 0.13
HSL	341°, 25%, 83%
HSV	341°, 10%, 87%
XYZ	62.0410, 61.3431, 67.6020
YIQ	207.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

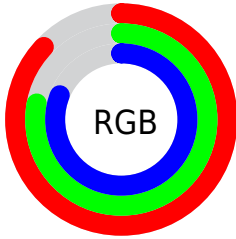
Format	Color
R _Y B	222, 200, 207
Decimal	14600399
CIE Lab	82.56, 8.89, -0.68
CIE LCh	83, 8.914, 355.599
Yxy	61.3431, 0.3248, 0.3212
Android (android.graphics.Color)	4292790479 (0xFFDEC8CF)
YUV	207.3760, -0.1854, 12.8252
Hunter-Lab	78.3219, 4.3316, 3.6503

Details

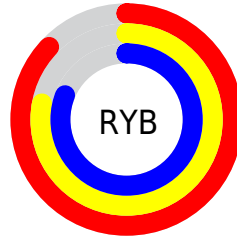
The RYB color **222, 200, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 213, 222**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 255, 255, and **167, 146, 153** is the 20% darker color. If you saturate the color by 10%, you get **222, 178, 192**, and if you desaturate by 10%, it is **222, 222, 222**.

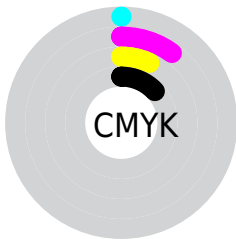
Distribution



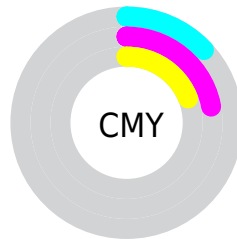
- Red (87%)
- Green (78%)
- Blue (81%)



- Red (87%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 200, 207 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 222, 200, 207 by changing the saturation by 10% instead.

■ 222, 200, 207

255, 255, 255

■ 222, 200, 207

■ 194, 173, 179

■ 167, 146, 153

■ 140, 120, 127

■ 115, 96, 102

■ 90, 72, 78

■ 66, 49, 55


■ 44, 28, 34

■ 25, 2, 11


■ 0, 0, 0

 222, 200, 207


 222, 200, 207

 222, 178, 192


 222, 222, 222

 222, 156, 177

 222, 235, 244

 222, 133, 162

 222, 239, 255

 222, 111, 146

 222, 239, 255

 222, 89, 131

 222, 67, 116

 222, 45, 101

 222, 22, 86

 222, 0, 71

Harmonies

Analogous

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



215, 201, 215



222, 200, 207



224, 200, 199

Triad

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



222, 200, 207



190, 207, 192



188, 201, 219

Complementary

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



222, 200, 207



200, 213, 222

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, 198, 212



222, 200, 207



195, 208, 209

Square

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



222, 200, 207



206, 214, 189



188, 201, 210



196, 204, 222

Rectangle

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



222, 200, 207



222, 203, 194



188, 201, 210



186, 200, 217

Sweetspot

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



222, 200, 207



255, 247, 250



215, 200, 222



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



222, 200, 207



255, 224, 234



222, 205, 200



112, 101, 105



176, 0, 56



48, 0, 15

Inverse Universe

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



222, 200, 207



255, 224, 234



200, 210, 222



112, 101, 105



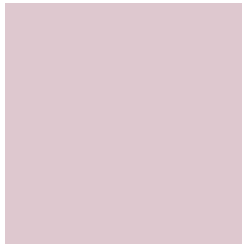
176, 0, 56



48, 0, 15

Previews

White Background



This preview shows how the RYB color 222, 200, 207 looks on a white background.

Color Contrast Check

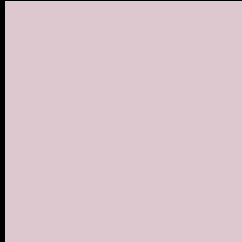
Large Text (above 18pt) WCAG AA × Fail

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 222, 200, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

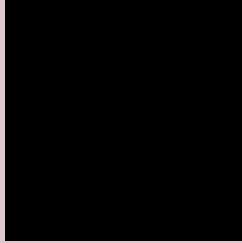
Any Text WCAG AA ✓ Pass

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 222, 200, 207 Background



This preview shows how black text looks on a background with the RYB color 222, 200, 207.



This preview shows how white text looks on a background with the RYB color 222, 200, 207.

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
222, 200, 207

Protanopia
208, 204, 210

Deuteranopia
225, 199, 207



Tritanopia
223, 199, 214

Trichromacy



Original Color

222, 200, 207

Protanomaly

213, 203, 209

Deuteranomaly

224, 199, 207

Tritanomaly

223, 199, 211

Monochromacy



Original Color

222, 200, 207

Achromatopsia

207, 207, 207

Achromatomaly

212, 204, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 200, 207 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(222, 200, 207) looks like.

```
.text, #text, p{  
    color:rgb(222, 200, 207)  
}
```

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(222, 200, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 200, 207) }
```

Border

The CSS property to change the border of an element to RYB 222, 200, 207 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(222, 200, 207) }
```

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

```
.border{ border-color:rgb(222, 200, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 200, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 200, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 200, 207);  
box-shadow:4px 4px 4px 4px rgb(222, 200,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 222, 200, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 200, 207) }
```

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

```
.background{ background-color: rgb(222,  
200, 207) }
```

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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