

Converting Colors

`RYB(222, 196, 202)`

Have a look what the booklet for
RYB(222, 196, 202) contains.

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Color

R_YB(222, 196, 202)

Conversions

Conversions Part 1

Format	Color
Hex	DEC4CA
RGB	222, 196, 202
RGB Percent	87%, 77%, 79%
CMY	0.1294, 0.2314, 0.2078
CMYK	0.00, 0.12, 0.09, 0.13
HSL	346°, 28%, 82%
HSV	346°, 12%, 87%
XYZ	60.5248, 59.2737, 64.1281
YIQ	204.4580, 13.5700, 7.3780

Conversions

Conversions Part 2

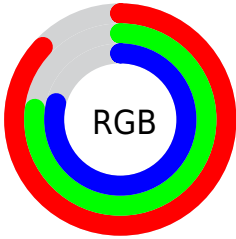
Format	Color
R _Y B	222, 196, 202
Decimal	14599370
CIE Lab	81.44, 10.16, 0.36
CIE LCh	81, 10.163, 2.015
Yxy	59.2737, 0.3291, 0.3223
Android (android.graphics.Color)	4292789450 (0xFFDEC4CA)
YUV	204.4580, -1.2118, 15.3843
Hunter-Lab	76.9894, 5.5953, 4.5072

Details

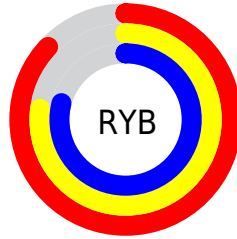
The RYB color **222, 196, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 211, 222**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 253, 255**, and **167, 142, 148** is the 20% darker color. If you saturate the color by 10%, you get **222, 174, 185**, and if you desaturate by 10%, it is **222, 218, 219**.

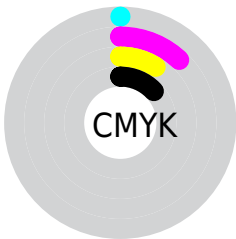
Distribution



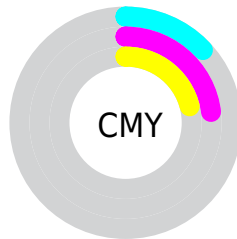
- Red (87%)
- Green (77%)
- Blue (79%)



- Red (87%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 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 222, 196, 202 by changing the saturation by 10% instead.

 222, 196, 202


 222, 196, 202


255, 255, 255


 194, 169, 175

 255, 253, 255

 167, 142, 148

 140, 117, 122

 115, 92, 97

 90, 68, 74


 66, 46, 51


 44, 25, 30

 25, 0, 5


 0, 0, 0

 222, 196, 202


 222, 196, 202

 222, 174, 185


 222, 218, 219

 222, 152, 168

 222, 232, 240

 222, 129, 151

 222, 239, 255

 222, 107, 134

 222, 239, 255

 222, 85, 117

 222, 63, 100

 222, 41, 82

 222, 18, 65

 222, 0, 51

Harmonies

Analogous

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



216, 197, 211



222, 196, 202



223, 198, 193

Triad

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



222, 196, 202



186, 205, 192



184, 198, 219

Complementary

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



222, 196, 202



196, 211, 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.



179, 194, 212



222, 196, 202



188, 203, 207

Square

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



222, 196, 202



194, 210, 183



181, 196, 208



193, 200, 221

Rectangle

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



222, 196, 202



221, 202, 188



181, 196, 208



181, 196, 217

Sweetspot

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



222, 196, 202



255, 245, 247



216, 196, 222



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

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



222, 196, 202



255, 219, 228



222, 206, 196



112, 101, 104



176, 0, 41



48, 0, 11

Inverse Universe

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



222, 196, 202



255, 219, 228



196, 207, 222



112, 101, 104



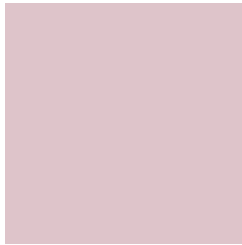
176, 0, 41



48, 0, 11

Previews

White Background



This preview shows how the RYB color 222, 196, 202 looks on a white background.

Color Contrast Check

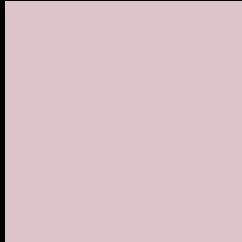
Large Text (above 18pt) WCAG AA × Fail

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 222, 196, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

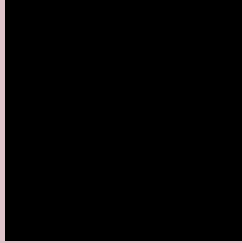
Any Text WCAG AA ✓ Pass

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](#).

RYB 222, 196, 202 Background



This preview shows how black text looks on a background with the RYB color 222, 196, 202.



This preview shows how white text looks on a background with the RYB color 222, 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
222, 196, 202

Protanopia
205, 201, 205

Deuteranopia
222, 196, 202



Tritanopia
223, 195, 210

Trichromacy



Original Color

222, 196, 202

Protanomaly

211, 199, 204

Deuteranomaly

222, 196, 202

Tritanomaly

223, 195, 207

Monochromacy



Original Color

222, 196, 202

Achromatopsia

204, 204, 204

Achromatomaly

211, 201, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 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(222, 196, 202) looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 196, 202) }
```

Border

The CSS property to change the border of an element to RYB 222, 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(222, 196, 202) }
```

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

```
.border{ border-color:rgb(222, 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(222, 196, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 196, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 196, 202);  
box-shadow:4px 4px 4px 4px rgb(222, 196,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 222, 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(222, 196, 202) }
```

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

```
.background{ background-color: rgb(222,  
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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