

Converting Colors

`RYB(202, 175, 182)`

Have a look what the booklet for RYB(202, 175, 182) contains.

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Color

R_YB(202, 175, 182)

Conversions

Conversions Part 1

Format	Color
Hex	CAAFB6
RGB	202, 175, 182
RGB Percent	79%, 69%, 71%
CMY	0.2078, 0.3137, 0.2863
CMYK	0.00, 0.13, 0.10, 0.21
HSL	344°, 20%, 74%
HSV	344°, 13%, 79%
XYZ	48.1306, 46.5939, 50.7127
YIQ	183.8710, 13.8450, 7.9010

Conversions

Conversions Part 2

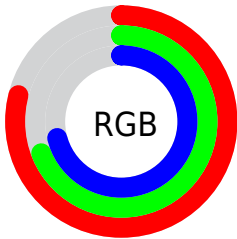
Format	Color
R _Y B	202, 175, 182
Decimal	13283254
CIE Lab	73.93, 10.91, 0.02
CIE LCh	74, 10.907, 0.108
Yxy	46.5939, 0.3309, 0.3204
Android (android.graphics.Color)	4291473334 (0xFFCAA6B6)
YUV	183.8710, -0.9224, 15.8991
Hunter-Lab	68.2597, 6.4076, 3.7330

Details

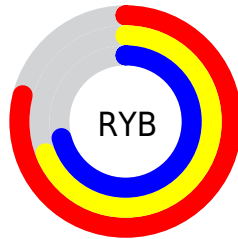
The RYB color **202, 175, 182** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175, 191, 202**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 231, 238**, and **148, 123, 129** is the 20% darker color. If you saturate the color by 10%, you get **202, 155, 167**, and if you desaturate by 10%, it is **202, 195, 197**.

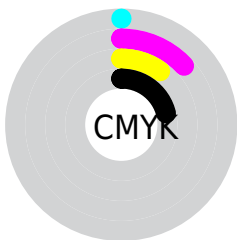
Distribution



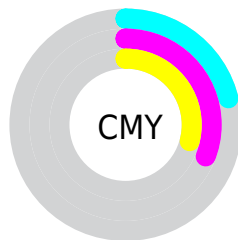
- Red (79%)
- Green (69%)
- Blue (71%)



- Red (79%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (21%)



- Cyan (21%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 175, 182 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, 175, 182 by changing the saturation by 10% instead.


 202, 175, 182

 202, 175, 182

255, 255, 255

 175, 148, 155

 255, 231, 238

 148, 123, 129

 122, 98, 104

 97, 74, 80

 73, 51, 57


 50, 30, 36

 30, 6, 14


 0, 0, 0

 202, 175, 182


 202, 175, 182

 202, 155, 167

 202, 195, 197

 202, 135, 152

 202, 209, 215

 202, 114, 137

 202, 222, 236


 202, 94, 122

 202, 232, 255

 202, 74, 107

 202, 229, 255

 202, 54, 92

 202, 34, 77

 202, 13, 62

 202, 0, 52

Harmonies

Analogous

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



195, 176, 192



202, 175, 182



203, 177, 172

Triad

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



202, 175, 182



164, 184, 169



161, 176, 199

Complementary

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



202, 175, 182



175, 191, 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.



157, 173, 191



202, 175, 182



168, 184, 187

Square

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



202, 175, 182



175, 190, 162



159, 175, 188



171, 180, 201

Rectangle

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



202, 175, 182



201, 181, 167



159, 175, 188



159, 175, 197

Sweetspot

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



202, 175, 182



255, 245, 247



195, 175, 202



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

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



202, 175, 182



255, 214, 225



202, 183, 175



102, 92, 94



166, 0, 43



38, 0, 10

Inverse Universe

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



202, 175, 182



255, 214, 225



175, 187, 202



102, 92, 94



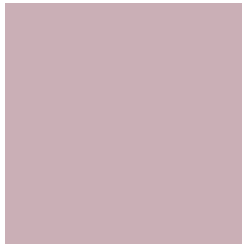
166, 0, 43



38, 0, 10

Previews

White Background



This preview shows how the RYB color 202, 175, 182 looks on a white background.

Color Contrast Check

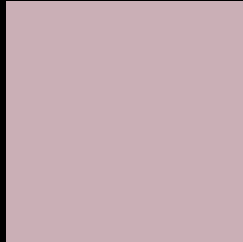
Large Text (above 18pt) WCAG AA × Fail

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, 175, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

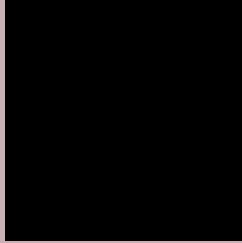
Any Text WCAG AA ✓ Pass

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, 175, 182 Background



This preview shows how black text looks on a background with the RYB color 202, 175, 182.

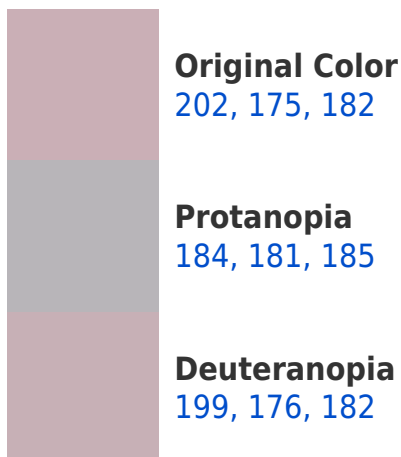


This preview shows how white text looks on a background with the RYB color 202, 175, 182.

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





Tritanopia
203, 174, 188

Trichromacy



Original Color

202, 175, 182

Protanomaly

191, 179, 184

Deuteranomaly

200, 176, 182

Tritanomaly

203, 174, 186

Monochromacy



Original Color

202, 175, 182

Achromatopsia

184, 184, 184

Achromatomaly

191, 181, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 175, 182 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, 175, 182) looks like.

```
.text, #text, p{  
    color:rgb(202, 175, 182)  
}
```

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, 175, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 175, 182) }
```

Border

The CSS property to change the border of an element to RYB 202, 175, 182 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, 175, 182) }
```

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

```
.border{ border-color:rgb(202, 175, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 175, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 175, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 175, 182);  
box-shadow:4px 4px 4px 4px rgb(202, 175,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 202, 175, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 175, 182) }
```

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

```
.background{ background-color: rgb(202,  
175, 182) }
```

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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