

Converting Colors

`RYB(202, 179, 155)`

Have a look what the booklet for
RYB(202, 179, 155) contains.

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Color

R_YB(202, 179, 155)

Conversions

Conversions Part 1

Format	Color
Hex	CAAB9B
RGB	202, 171, 155
RGB Percent	79%, 67%, 61%
CMY	0.2078, 0.3299, 0.3922
CMYK	0.00, 0.15, 0.23, 0.21
HSL	20°, 31%, 70%
HSV	20°, 23%, 79%
XYZ	44.8152, 44.0064, 37.1424
YIQ	178.4450, 23.6120, 1.5960

Conversions

Conversions Part 2

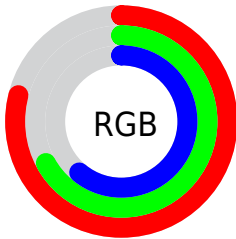
Format	Color
RYB	202, 179, 155
Decimal	13282203
CIELab	72.23, 8.85, 12.38
CIElCh	72, 15.219, 54.444
Yxy	44.0064, 0.3558, 0.3494
Android (android.graphics.Color)	4291472283 (0xFFCAAB9B)
YUV	178.4450, -11.5584, 20.6577
Hunter-Lab	66.3373, 4.4980, 13.2395

Details

The RYB color **202, 179, 155** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **155, 174, 202**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 236, 209**, and **147, 127, 104** is the 20% darker color. If you saturate the color by 10%, you get **202, 170, 135**, and if you desaturate by 10%, it is **202, 189, 175**.

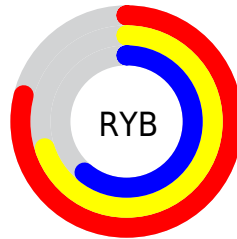
Distribution



Red (79%)

Green (67%)

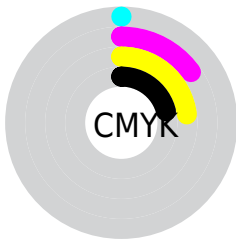
Blue (61%)



Red (79%)

Yellow (70%)

Blue (61%)

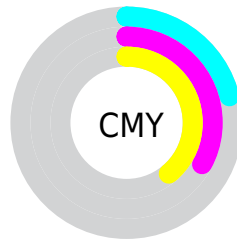


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 202, 179, 155 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, 179, 155 by changing the saturation by 10% instead.

 202, 179, 155

 202, 179, 155


255, 255, 255


 174, 152, 129


 255, 236, 209

 147, 127, 104

 238, 255, 238

 121, 101, 80

 96, 77, 57

 71, 55, 35


 48, 35, 14

 27, 1, 0

 0, 0, 0

 202, 179, 155


 202, 179, 155

 202, 170, 135

 202, 189, 175

 202, 159, 115


 202, 200, 195

 202, 150, 94


 202, 207, 216

 202, 139, 74


 202, 215, 236

 202, 130, 54

 202, 223, 255

 202, 120, 34

 202, 227, 255

 202, 109, 14

 202, 229, 255

 202, 103, 0

Harmonies

Analogous

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



207, 168, 166



202, 179, 155



176, 191, 150

Triad

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



202, 179, 155



147, 169, 185



177, 174, 202

Complementary

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



202, 179, 155



155, 174, 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.



159, 173, 204



202, 179, 155



141, 164, 188

Square

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



202, 179, 155



160, 182, 183



145, 167, 199



193, 170, 193

Rectangle

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



202, 179, 155



153, 181, 150



145, 167, 199



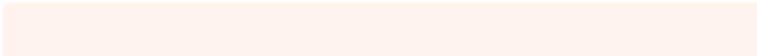
171, 175, 204

Sweetspot

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



202, 179, 155



255, 246, 237



202, 155, 186



128, 123, 117



0, 0, 0



128, 128, 128

Same Dimension

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



202, 179, 155



255, 220, 184



165, 202, 155



102, 96, 92



166, 85, 0



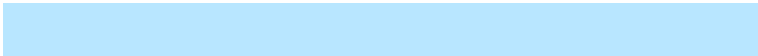
38, 20, 0

Inverse Universe

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



155, 174, 202



184, 212, 255



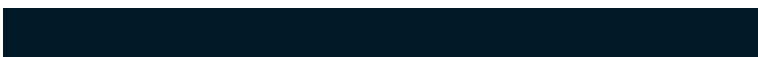
155, 162, 202



92, 96, 102



0, 66, 166



0, 15, 38

Previews

White Background



This preview shows how the RYB color 202, 179, 155 looks on a white background.

Color Contrast Check

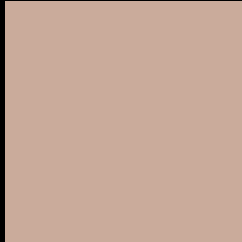
Large Text (above 18pt) WCAG AA × Fail

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, 179, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

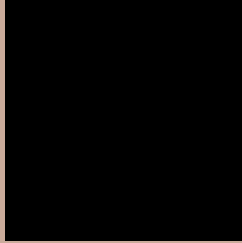
Any Text WCAG AA ✓ Pass

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, 179, 155 Background



This preview shows how black text looks on a background with the RYB color 202, 179, 155.



This preview shows how white text looks on a background with the RYB color 202, 179, 155.

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
202, 179, 155

Protanopia
169, 185, 158

Deuteranopia
202, 179, 155



Tritanopia
205, 167, 180

Trichromacy



Original Color
202, 179, 155

Protanomaly
187, 191, 157

Deuteranomaly
202, 179, 155

Tritanomaly
204, 168, 171

Monochromacy



Original Color
202, 179, 155

Achromatopsia
178, 178, 178

Achromatomaly
187, 177, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 179, 155 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, 171, 155) looks like.

```
.text, #text, p{  
    color:rgb(202, 171, 155)  
}
```

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, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 171, 155) }
```

Border

The CSS property to change the border of an element to RYB 202, 179, 155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

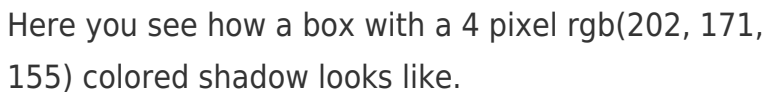
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 171, 155) }
```

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

```
.border{ border-color:rgb(202, 171, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 171, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 171, 155); box-shadow:4px 4px 4px 4px rgb(202, 171, 155) }
```

Background

The CSS property to change the background color of an element to RGB 202, 179, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 171, 155) }
```

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

```
.background{ background-color: rgb(202,  
171, 155) }
```

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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