

Converting Colors

`RYB(201, 171, 156)`

Have a look what the booklet for
RYB(201, 171, 156) contains.

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Color

R_YB(201, 171, 156)

Conversions

Conversions Part 1

Format	Color
Hex	C9A79C
RGB	201, 167, 156
RGB Percent	79%, 65%, 61%
CMY	0.2118, 0.3441, 0.3882
CMYK	0.00, 0.17, 0.22, 0.21
HSL	15°, 29%, 70%
HSV	15°, 22%, 79%
XYZ	43.9527, 42.5469, 37.3483
YIQ	175.9120, 23.7950, 3.7870

Conversions

Conversions Part 2

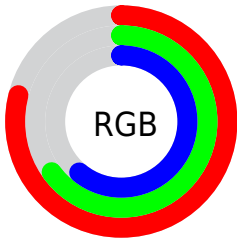
Format	Color
R_{YB}	201, 171, 156
Decimal	13215644
CIE _{Lab}	71.25, 10.59, 10.42
CIE _{LCh}	71, 14.858, 44.547
Yxy	42.5469, 0.3549, 0.3435
Android (android.graphics.Color)	4291405724 (0xFFC9A79C)
YUV	175.9120, -9.8166, 22.0022
Hunter-Lab	65.2280, 6.1300, 11.7113

Details

The RYB color **201, 171, 156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **156, 175, 201**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 226, 210**, and **146, 118, 105** is the 20% darker color. If you saturate the color by 10%, you get **201, 157, 136**, and if you desaturate by 10%, it is **201, 184, 176**.

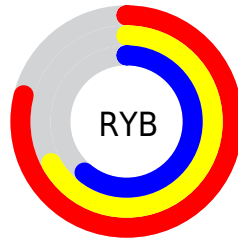
Distribution



Red (79%)

Green (65%)

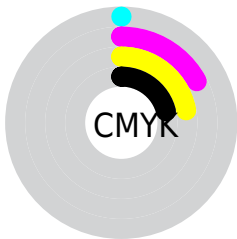
Blue (61%)



Red (79%)

Yellow (67%)

Blue (61%)

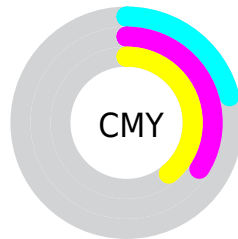


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (21%)



Cyan (21%)


Magenta (34%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 201, 171, 156 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 201, 171, 156 by changing the saturation by 10% instead.

 201, 171, 156

 201, 171, 156

255, 255, 255

 173, 145, 130

 255, 226, 210

 146, 118, 105

 244, 255, 239

 120, 94, 81


 95, 70, 58


 70, 48, 36

 47, 28, 15

 26, 0, 0

 0, 0, 0

 201, 171, 156

 201, 171, 156

■ 201, 157, 136

■ 201, 184, 176

■ 201, 144, 116

■ 201, 197, 196

■ 201, 131, 96

■ 201, 207, 216

■ 201, 117, 76

■ 201, 216, 236

■ 201, 104, 56

■ 201, 225, 255

■ 201, 91, 35

■ 201, 228, 255

■ 201, 78, 15

■ 201, 67, 0

Harmonies

Analogous

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



203, 165, 168



201, 171, 156



190, 192, 149

Triad

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



201, 171, 156



149, 170, 182



168, 172, 200

Complementary

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



201, 171, 156



156, 175, 201

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.



152, 169, 200



201, 171, 156



140, 161, 182

Square

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



201, 171, 156



155, 179, 171



141, 164, 193



185, 169, 194

Rectangle

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



201, 171, 156



160, 183, 148



141, 164, 193



162, 172, 201

Sweetspot

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



201, 171, 156



255, 244, 237



201, 156, 190



128, 121, 117



0, 0, 0



128, 128, 128

Same Dimension

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



201, 171, 156



255, 209, 186



172, 201, 156



99, 93, 90



163, 55, 0



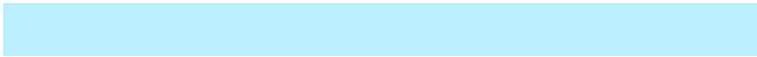
36, 12, 0

Inverse Universe

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



156, 175, 201



186, 216, 255



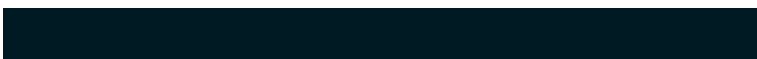
156, 165, 201



90, 94, 99



0, 70, 163



0, 15, 36

Previews

White Background



This preview shows how the RYB color 201, 171, 156 looks on a white background.

Color Contrast Check

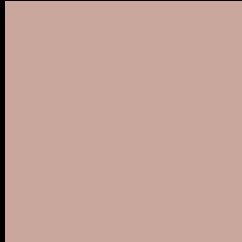
Large Text (above 18pt) WCAG AA × Fail

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 201, 171, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

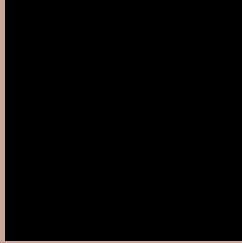
Any Text WCAG AA ✓ Pass

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 201, 171, 156 Background



This preview shows how black text looks on a background with the R Y B color 201, 171, 156.



This preview shows how white text looks on a background with the R Y B color 201, 171, 156.

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
201, 171, 156

Protanopia
171, 181, 160

Deuteranopia
198, 173, 156



Tritanopia
203, 164, 177

Trichromacy



Original Color

201, 171, 156

Protanomaly

188, 183, 159

Deuteranomaly

199, 173, 156

Tritanomaly

202, 165, 169

Monochromacy



Original Color

201, 171, 156

Achromatopsia

176, 176, 176

Achromatomaly

185, 174, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 171, 156 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(201, 167, 156) looks like.

```
.text, #text, p{  
    color:rgb(201, 167, 156)  
}
```

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(201, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 167, 156) }
```

Border

The CSS property to change the border of an element to RYB 201, 171, 156 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(201, 167, 156) }
```

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

```
.border{ border-color:rgb(201, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 167,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 201, 171, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 167, 156) }
```

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

```
.background{ background-color: rgb(201,  
167, 156) }
```

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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