

Converting Colors

`RYB(201, 168, 157)`

Have a look what the booklet for
RYB(201, 168, 157) contains.

RYB(201, 168, 157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(201, 168, 157)

Conversions

Conversions Part 1

Format	Color
Hex	C9A69D
RGB	201, 166, 157
RGB Percent	79%, 65%, 62%
CMY	0.2118, 0.3498, 0.3843
CMYK	0.00, 0.18, 0.22, 0.21
HSL	12°, 29%, 70%
HSV	12°, 22%, 79%
XYZ	43.7731, 42.0516, 37.7080
YIQ	175.4390, 23.7490, 4.6210

Conversions

Conversions Part 2

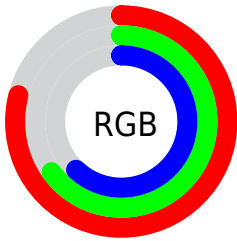
Format	Color
R_{YB}	201, 168, 157
Decimal	13215389
CIE _{Lab}	70.91, 11.53, 9.39
CIE _{LCh}	71, 14.867, 39.165
Yxy	42.0516, 0.3543, 0.3404
Android (android.graphics.Color)	4291405469 (0xFFC9A69D)
YUV	175.4390, -9.0904, 22.4170
Hunter-Lab	64.8472, 7.0082, 10.9165

Details

The RYB color **201, 168, 157** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **157, 176, 201**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 223, 212**, and **146, 116, 106** is the 20% darker color. If you saturate the color by 10%, you get **201, 153, 137**, and if you desaturate by 10%, it is **201, 183, 177**.

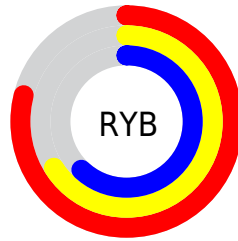
Distribution



Red (79%)

Green (65%)

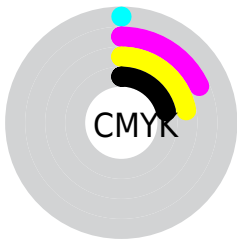
Blue (62%)



Red (79%)

Yellow (66%)

Blue (62%)

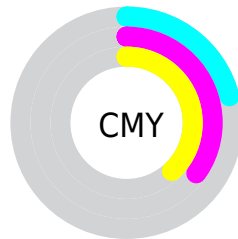


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RYB color 201, 168, 157 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, 168, 157 by changing the saturation by 10% instead.

 201, 168, 157

 201, 168, 157

255, 255, 255

 173, 141, 131

 255, 223, 212

 146, 116, 106

 250, 255, 240

 120, 91, 82


 95, 68, 59


 70, 46, 37


 47, 25, 16


 27, 0, 0


 0, 0, 0


 201, 168, 157


 201, 168, 157

 201, 153, 137


 201, 183, 177

 201, 138, 117


 201, 198, 197

 201, 123, 97


 201, 208, 217


 201, 107, 77


 201, 217, 237

 201, 92, 57

 201, 226, 255

 201, 77, 36

 201, 228, 255

 201, 62, 16

 201, 50, 0

Harmonies

Analogous

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



202, 164, 170



201, 168, 157



193, 186, 149

Triad

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



201, 168, 157



150, 172, 181



164, 171, 200

Complementary

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



201, 168, 157



157, 176, 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.



148, 167, 198



201, 168, 157



140, 162, 182

Square

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



201, 168, 157



152, 178, 165



139, 162, 190



181, 169, 195

Rectangle

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



201, 168, 157



167, 185, 147



139, 162, 190



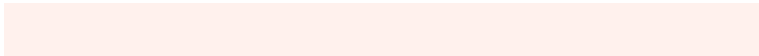
158, 170, 200

Sweetspot

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



201, 168, 157



255, 242, 237



201, 157, 192



128, 119, 117



0, 0, 0



128, 128, 128

Same Dimension

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



201, 168, 157



255, 205, 189



175, 201, 157



99, 91, 90



163, 41, 0



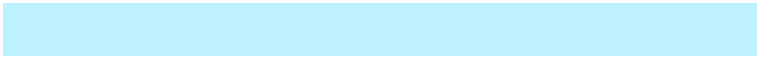
36, 9, 0

Inverse Universe

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



157, 176, 201



189, 218, 255



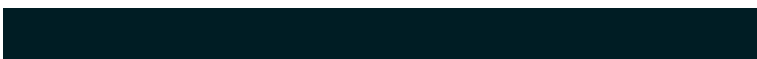
157, 167, 201



90, 94, 99



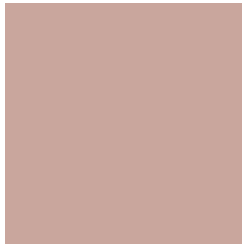
0, 73, 163



0, 16, 36

Previews

White Background



This preview shows how the RYB color 201, 168, 157 looks on a white background.

Color Contrast Check

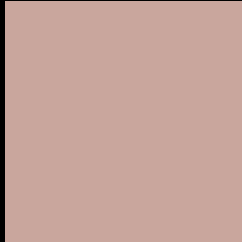
Large Text (above 18pt) WCAG AA × Fail

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, 168, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

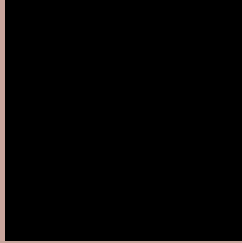
Any Text WCAG AA ✓ Pass

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 201, 168, 157 Background



This preview shows how black text looks on a background with the RYB color 201, 168, 157.



This preview shows how white text looks on a background with the RYB color 201, 168, 157.

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, 168, 157

Protanopia
172, 180, 161

Deuteranopia
197, 170, 157



Tritanopia
203, 163, 176

Trichromacy



Original Color
201, 168, 157

Protanomaly
188, 176, 160

Deuteranomaly
198, 170, 157

Tritanomaly
202, 164, 169

Monochromacy



Original Color
201, 168, 157

Achromatopsia
175, 175, 175

Achromatomaly
184, 173, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 168, 157 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, 166, 157) looks like.

```
.text, #text, p{  
    color:rgb(201, 166, 157)  
}
```

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, 166, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 166, 157) }
```

Border

The CSS property to change the border of an element to RYB 201, 168, 157 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, 166, 157) }
```

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

```
.border{ border-color:rgb(201, 166, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 166, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 166, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 166, 157); box-shadow:4px 4px 4px 4px rgb(201, 166, 157) }
```

Background

The CSS property to change the background color of an element to RGB 201, 168, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 166, 157) }
```

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

```
.background{ background-color: rgb(201,  
166, 157) }
```

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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