

Converting Colors

`RYB(197, 199, 152)`

Have a look what the booklet for
RYB(197, 199, 152) contains.

RYB(197, 199, 152)	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

`RYB(197, 199, 152)`

Conversions

Conversions Part 1	
Format	Color
Hex	C7B098
RGB	199, 176, 152
RGB Percent	78%, 69%, 60%
CMY	0.2196, 0.3098, 0.4039
CMYK	0.00, 0.12, 0.24, 0.22
HSL	31°, 30%, 69%
HSV	31°, 24%, 78%
XYZ	44.7481, 45.4640, 36.1227
YIQ	180.1410, 21.4120, -2.5880

Conversions

Conversions Part 2

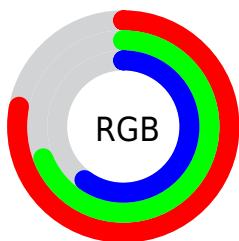
Format	Color
RYB	197, 199, 152
Decimal	13086872
CIELab	73.20, 4.50, 15.33
CIELCh	73, 15.981, 73.637
Yxy	45.4640, 0.3542, 0.3599
Android (android.graphics.Color)	4291276952 (0xFFC7B098)
YUV	180.1410, -13.8735, 16.5393
Hunter-Lab	67.4270, 0.4648, 15.4355

Details

The RYB color **197, 199, 152** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **152, 167, 199**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **249, 255, 206**, and **141, 145, 101** is the 20% darker color. If you saturate the color by 10%, you get **197, 199, 132**, and if you desaturate by 10%, it is **197, 199, 172**.

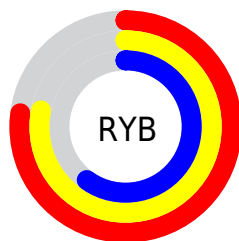
Distribution



Red (78%)

Green (69%)

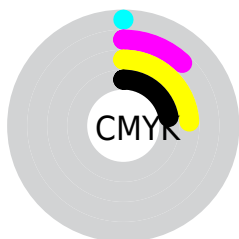
Blue (60%)



Red (77%)

Yellow (78%)

Blue (60%)

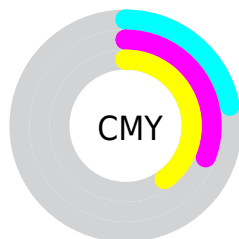


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (22%)



Cyan (22%)


Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 199, 152 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 197, 199, 152 by changing the saturation by 10% instead.

 197, 199, 152


255, 255, 255


 249, 255, 206

 235, 255, 235

 197, 199, 152

 169, 171, 126

 141, 145, 101

 115, 119, 77

 87, 93, 54

 65, 69, 33

 36, 46, 10


 24, 12, 0

 0, 0, 0

 197, 199, 152


 197, 199, 152

 197, 199, 132


 197, 199, 172

 193, 199, 112


 199, 197, 192

 193, 199, 92


 199, 203, 212

 193, 199, 72


 199, 210, 232

 195, 199, 53

 199, 216, 252

 191, 199, 33

 199, 221, 255

 191, 199, 13

 199, 224, 255

 189, 199, 0

 199, 227, 255

 199, 227, 255

Harmonies

Analogous

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



209, 176, 160



197, 199, 152



154, 184, 151

Triad

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



197, 199, 152



143, 166, 188



191, 174, 201

Complementary

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



197, 199, 152



152, 167, 199

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.



172, 178, 208



197, 199, 152



143, 168, 199

Square

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



197, 199, 152



152, 176, 188



154, 173, 207



204, 170, 188

Rectangle

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



197, 199, 152



155, 184, 166



154, 173, 207



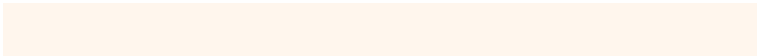
185, 175, 204

Sweetspot

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



197, 199, 152



255, 255, 237



199, 152, 176



126, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



197, 199, 152



253, 255, 184



152, 199, 152



97, 99, 90



157, 163, 0



36, 36, 0

Inverse Universe

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



152, 167, 199



184, 207, 255



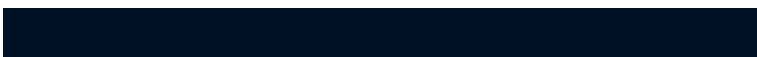
152, 152, 199



90, 93, 99



0, 54, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 197, 199, 152 looks on a white background.

Color Contrast Check

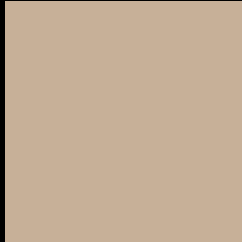
Large Text (above 18pt) WCAG AA × Fail

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 197, 199, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

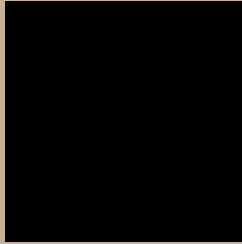
Any Text WCAG AA ✓ Pass

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 197, 199, 152 Background



This preview shows how black text looks on a background with the RYB color 197, 199, 152.



This preview shows how white text looks on a background with the RYB color 197, 199, 152.

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

197, 199, 152

Protanopia

168, 189, 154

Deuteranopia

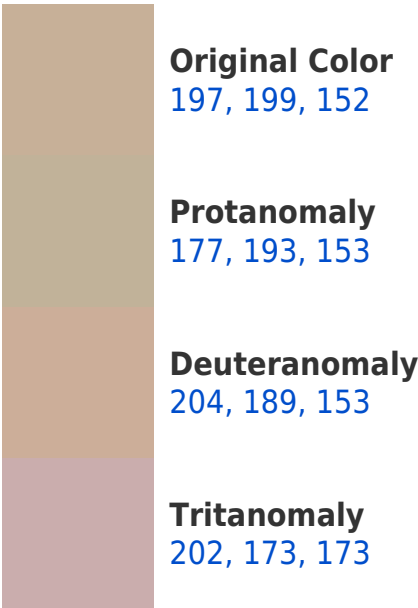
207, 185, 153



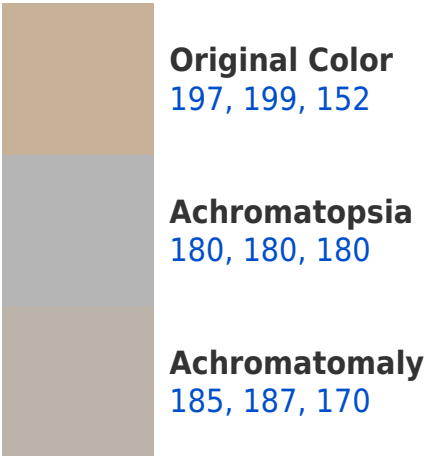
Tritanopia

203, 171, 185

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 199, 152 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(199, 176, 152) looks like.

```
.text, #text, p{  
    color:rgb(199, 176, 152)  
}
```

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(199, 176, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 176, 152) }
```

Border

The CSS property to change the border of an element to RYB 197, 199, 152 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(199, 176, 152) }
```

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

```
.border{ border-color:rgb(199, 176, 152) }
```

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

Here you see how a box with a 4 pixel rgb(199, 176, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 176, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 176, 152);  
box-shadow:4px 4px 4px 4px rgb(199, 176,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 199, 176, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 176, 152) }
```

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

```
.background{ background-color: rgb(199,  
176, 152) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor