

Converting Colors

`RYB(189, 152, 109)`

Have a look what the booklet for
RYB(189, 152, 109) contains.

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Color

R_YB(189, 152, 109)

Conversions

Conversions Part 1

Format	Color
Hex	BD896D
RGB	189, 137, 109
RGB Percent	74%, 54%, 43%
CMY	0.2588, 0.4629, 0.5725
CMYK	0.00, 0.28, 0.42, 0.26
HSL	21°, 38%, 58%
HSV	21°, 42%, 74%
XYZ	32.6876, 29.8050, 18.4981
YIQ	149.3560, 39.9800, 2.3160

Conversions

Conversions Part 2

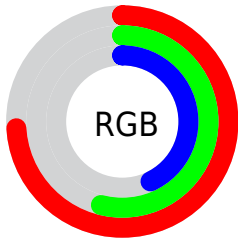
Format	Color
R_{YB}	189, 152, 109
Decimal	12421485
CIE Lab	61.49, 16.32, 22.83
CIE LCh	61, 28.060, 54.438
Yxy	29.8050, 0.4036, 0.3680
Android (android.graphics.Color)	4290611565 (0xFFBD896D)
YUV	149.3560, -19.8955, 34.7678
Hunter-Lab	54.5940, 11.3357, 18.1265

Details

The RYB color **189, 152, 109** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **109, 141, 189**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **247, 207, 161**, and **134, 101, 61** is the 20% darker color. If you saturate the color by 10%, you get **189, 144, 90**, and if you desaturate by 10%, it is **189, 160, 128**.

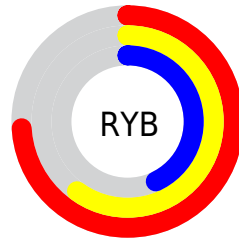
Distribution



Red (74%)

Green (54%)

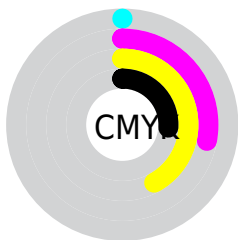
Blue (43%)



Red (74%)

Yellow (60%)

Blue (43%)

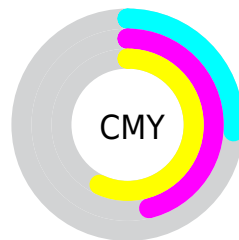


Cyan (0%)

Magenta (28%)

Yellow (42%)

Black (26%)



Cyan (26%)

Magenta (46%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the RYB color 189, 152, 109 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 189, 152, 109 by changing the saturation by 10% instead.

 189, 152, 109

 189, 152, 109

255, 255, 255

 161, 125, 85


 247, 205, 161

 134, 101, 61

 255, 242, 188

 107, 76, 39

 226, 255, 216

 81, 54, 18

 244, 255, 244

 56, 31, 0


 33, 0, 0

 0, 0, 0

 189, 152, 109

 189, 152, 109

 189, 144, 90

 189, 160, 128

189, 134, 71

189, 170, 147

189, 126, 52

189, 178, 166

189, 118, 33

189, 186, 185

189, 109, 15

189, 195, 204

189, 101, 0

189, 202, 222

189, 210, 241

189, 216, 255

189, 220, 255

Harmonies

Analogous

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



198, 131, 129



189, 152, 109



138, 170, 99

Triad

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



189, 152, 109



87, 130, 162



146, 144, 194

Complementary

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



189, 152, 109



109, 141, 189

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.



109, 138, 197



189, 152, 109



68, 116, 168

Square

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



189, 152, 109



116, 156, 159



76, 124, 188



176, 135, 178

Rectangle

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



189, 152, 109



103, 154, 100



76, 124, 188



134, 145, 196

Sweetspot

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



189, 152, 109



245, 230, 213



189, 109, 162



122, 114, 103



250, 250, 250



122, 122, 122

Same Dimension

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



189, 152, 109



245, 188, 120



125, 189, 109



94, 90, 85



158, 84, 0



31, 17, 0

Inverse Universe

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



109, 141, 189



120, 169, 245



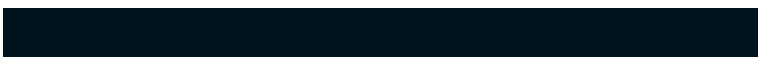
109, 120, 189



85, 89, 94



0, 62, 158



0, 12, 31

Previews

White Background



This preview shows how the RYB color 189, 152, 109 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 152, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

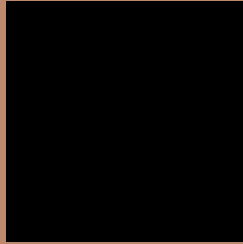
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 189, 152, 109 Background



This preview shows how black text looks on a background with the RYB color 189, 152, 109.



This preview shows how white text looks on a background with the RYB color 189, 152, 109.

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

192, 132, 142

Trichromacy



Original Color
189, 152, 109

Protanomaly
156, 170, 112

Deuteranomaly
181, 168, 108

Tritanomaly
191, 134, 130

Monochromacy



Original Color
189, 152, 109

Achromatopsia
149, 149, 149

Achromatomaly
164, 151, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 152, 109 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(189, 137, 109)` looks like.

```
.text, #text, p{  
    color:rgb(189, 137, 109)  
}
```

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(189, 137, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 137, 109) }
```

Border

The CSS property to change the border of an element to RYB 189, 152, 109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

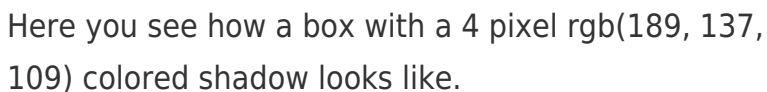
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 137, 109) }
```

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

```
.border{ border-color:rgb(189, 137, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 137, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 137, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 137, 109); box-shadow:4px 4px 4px 4px rgb(189, 137, 109) }
```

Background

The CSS property to change the background color of an element to RYB 189, 152, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 137, 109) }
```

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

```
.background{ background-color: rgb(189,  
137, 109) }
```

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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