

Converting Colors

`RYB(203, 196, 151)`

Have a look what the booklet for
RYB(203, 196, 151) contains.

RYB(203, 196, 151)	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(203, 196, 151)

Conversions

Conversions Part 1

Format	Color
Hex	CBAF97
RGB	203, 175, 151
RGB Percent	80%, 69%, 59%
CMY	0.2039, 0.3132, 0.4078
CMYK	0.00, 0.14, 0.26, 0.20
HSL	28°, 33%, 69%
HSV	28°, 26%, 80%
XYZ	45.5686, 45.6390, 35.6856
YIQ	180.6360, 24.3920, -1.5280

Conversions

Conversions Part 2

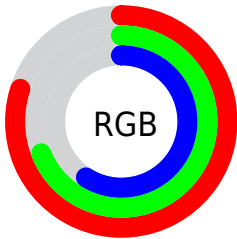
Format	Color
R _Y B	203, 196, 151
Decimal	13348759
CIE Lab	73.31, 6.37, 16.09
CIE LCh	73, 17.307, 68.395
Yxy	45.6390, 0.3591, 0.3597
Android (android.graphics.Color)	4291538839 (0xFFCBAF97)
YUV	180.6360, -14.6105, 19.6132
Hunter-Lab	67.5566, 2.1784, 15.9707

Details

The RYB color **203, 196, 151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **151, 169, 203**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **251, 255, 205**, and **148, 144, 100** is the 20% darker color. If you saturate the color by 10%, you get **203, 192, 131**, and if you desaturate by 10%, it is **203, 199, 171**.

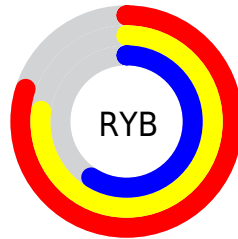
Distribution



Red (80%)

Green (69%)

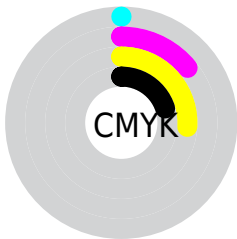
Blue (59%)



Red (80%)

Yellow (77%)

Blue (59%)

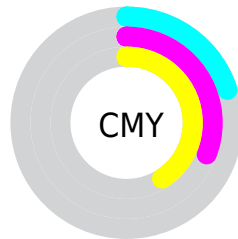


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 196, 151 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 203, 196, 151 by changing the saturation by 10% instead.

 203, 196, 151

255, 255, 255

 251, 255, 205

 233, 255, 233

 203, 196, 151

 175, 171, 125

 148, 144, 100

 122, 118, 76

 96, 94, 53

 72, 72, 32

 45, 49, 9


 27, 9, 0

 0, 0, 0

 203, 196, 151


 203, 196, 151

 203, 192, 131


 203, 199, 171

 203, 190, 110


 203, 201, 192

 203, 186, 90


 203, 206, 212

 203, 186, 70

 203, 213, 232

 203, 182, 50

 203, 221, 253

 203, 181, 29

 203, 225, 255

 203, 177, 9

 203, 228, 255

 203, 175, 0

 203, 229, 255

Harmonies

Analogous

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



212, 173, 161



203, 196, 151



159, 188, 149

Triad

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



203, 196, 151



141, 166, 189



189, 175, 205

Complementary

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



203, 196, 151



151, 169, 203

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.



168, 177, 211



203, 196, 151



139, 166, 199

Square

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



203, 196, 151



153, 178, 188



149, 172, 209



205, 170, 192

Rectangle

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



203, 196, 151



152, 184, 160



149, 172, 209



182, 176, 208

Sweetspot

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



203, 196, 151



255, 251, 235



203, 151, 180



128, 126, 115



0, 0, 0



128, 128, 128

Same Dimension

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



203, 196, 151



255, 246, 176



154, 203, 151



102, 102, 92



166, 144, 0



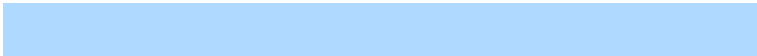
38, 34, 0

Inverse Universe

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



151, 169, 203



176, 203, 255



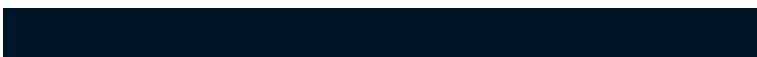
151, 154, 203



92, 95, 102



0, 58, 166



0, 14, 38

Previews

White Background



This preview shows how the RYB color 203, 196, 151 looks on a white background.

Color Contrast Check

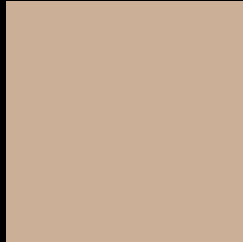
Large Text (above 18pt) WCAG AA × Fail

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 203, 196, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

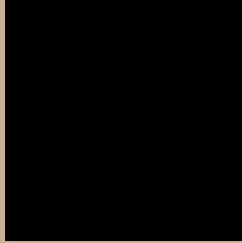
Any Text WCAG AA ✓ Pass

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 203, 196, 151 Background



This preview shows how black text looks on a background with the RYB color 203, 196, 151.



This preview shows how white text looks on a background with the RYB color 203, 196, 151.

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
203, 196, 151

Protanopia
167, 190, 153

Deuteranopia
208, 187, 151



Tritanopia

207, 170, 184

Trichromacy



Original Color
203, 196, 151

Protanomaly
180, 195, 152

Deuteranomaly
206, 191, 151

Tritanomaly
206, 172, 172

Monochromacy



Original Color
203, 196, 151

Achromatopsia
181, 181, 181

Achromatomaly
189, 187, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 196, 151 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(203, 175, 151) looks like.

```
.text, #text, p{  
    color:rgb(203, 175, 151)  
}
```

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(203, 175, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 175, 151) }
```

Border

The CSS property to change the border of an element to RYB 203, 196, 151 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(203, 175, 151) }
```

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

```
.border{ border-color:rgb(203, 175, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 175, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 175, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 175, 151);  
box-shadow:4px 4px 4px 4px rgb(203, 175,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 203, 175, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 175, 151) }
```

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

```
.background{ background-color: rgb(203,  
175, 151) }
```

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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