

Converting Colors

`RYB(198, 165, 151)`

Have a look what the booklet for
RYB(198, 165, 151) contains.

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Color

R_YB(198, 165, 151)

Conversions

Conversions Part 1

Format	Color
Hex	C6A297
RGB	198, 162, 151
RGB Percent	78%, 64%, 59%
CMY	0.2235, 0.3655, 0.4078
CMYK	0.00, 0.18, 0.24, 0.22
HSL	14°, 29%, 68%
HSV	14°, 24%, 78%
XYZ	41.7574, 40.0058, 34.7992
YIQ	171.5100, 24.9870, 4.2110

Conversions

Conversions Part 2

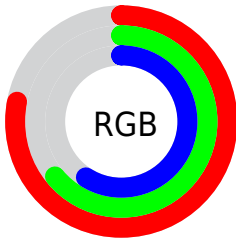
Format	Color
R_{YB}	198, 165, 151
Decimal	13017751
CIE _{Lab}	69.47, 11.68, 10.63
CIE _{LCh}	69, 15.793, 42.291
Yxy	40.0058, 0.3582, 0.3432
Android (android.graphics.Color)	4291207831 (0xFFC6A297)
YUV	171.5100, -10.1114, 23.2317
Hunter-Lab	63.2501, 7.1572, 11.6547

Details

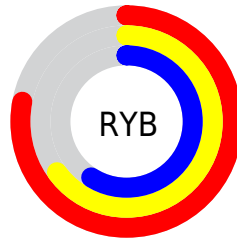
The RYB color **198, 165, 151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **151, 171, 198**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 221, 205**, and **143, 113, 100** is the 20% darker color. If you saturate the color by 10%, you get **198, 152, 131**, and if you desaturate by 10%, it is **198, 179, 171**.

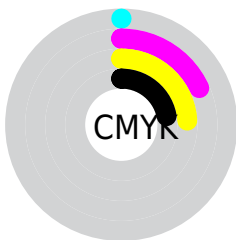
Distribution



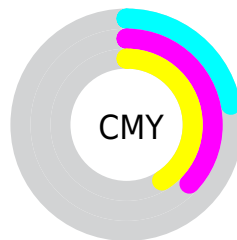
- Red (78%)
- Green (64%)
- Blue (59%)



- Red (78%)
- Yellow (65%)
- Blue (59%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (22%)



- Cyan (22%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 165, 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 198, 165, 151 by changing the saturation by 10% instead.


 198, 165, 151

255, 255, 255

 255, 221, 205


 251, 255, 233

 198, 165, 151

 170, 140, 125

 143, 113, 100

 117, 89, 76

 92, 64, 54

 68, 42, 32

 45, 25, 9


 21, 0, 0

 0, 0, 0


 198, 165, 151


 198, 165, 151

 198, 152, 131


 198, 179, 171

 198, 137, 111

 198, 192, 191

 198, 123, 92

 198, 203, 210

 198, 110, 72

 198, 212, 230

 198, 96, 52

 198, 221, 250

 198, 81, 32

 198, 226, 255

 198, 68, 12

 198, 227, 255

 198, 58, 0

Harmonies

Analogous

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



200, 160, 164



198, 165, 151



189, 189, 143

Triad

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



198, 165, 151



143, 166, 177



161, 168, 197

Complementary

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



198, 165, 151



151, 171, 198

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.



144, 163, 196



198, 165, 151



133, 156, 178

Square

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



198, 165, 151



148, 175, 165



133, 157, 188



180, 164, 191

Rectangle

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



198, 165, 151



156, 180, 141



133, 157, 188



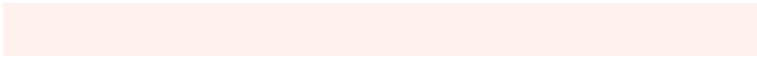
155, 167, 198

Sweetspot

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



198, 165, 151



255, 242, 237



198, 151, 188



128, 121, 117



0, 0, 0



128, 128, 128

Same Dimension

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



198, 165, 151



255, 205, 184



169, 198, 151



99, 93, 90



163, 48, 0



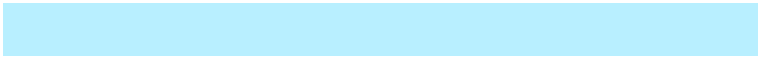
36, 10, 0

Inverse Universe

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



151, 171, 198



184, 215, 255



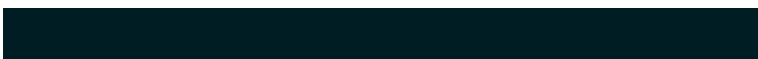
151, 161, 198



90, 94, 99



0, 71, 163



0, 16, 36

Previews

White Background



This preview shows how the RYB color 198, 165, 151 looks on a white background.

Color Contrast Check

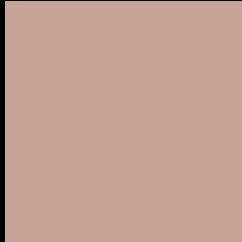
Large Text (above 18pt) WCAG AA × Fail

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 198, 165, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

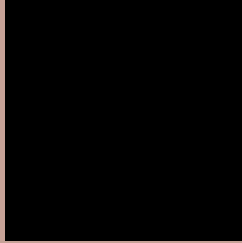
Any Text WCAG AA ✓ Pass

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 198, 165, 151 Background



This preview shows how black text looks on a background with the RYB color 198, 165, 151.



This preview shows how white text looks on a background with the RYB color 198, 165, 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
198, 165, 151

Protanopia
166, 176, 155

Deuteranopia
193, 170, 151



Tritanopia
200, 159, 171

Trichromacy



Original Color
198, 165, 151

Protanomaly
184, 174, 154

Deuteranomaly
195, 168, 151

Tritanomaly
199, 160, 164

Monochromacy



Original Color
198, 165, 151

Achromatopsia
171, 171, 171

Achromatomaly
181, 169, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 165, 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(198, 162, 151) looks like.

```
.text, #text, p{  
    color:rgb(198, 162, 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(198, 162, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 162, 151) }
```

Border

The CSS property to change the border of an element to RYB 198, 165, 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(198, 162, 151) }
```

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

```
.border{ border-color:rgb(198, 162, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 162, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 162, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 162, 151);  
box-shadow:4px 4px 4px 4px rgb(198, 162,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 198, 165, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 162, 151) }
```

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

```
.background{ background-color: rgb(198,  
162, 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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