

Converting Colors

`RYB(210, 167, 155)`

Have a look what the booklet for
RYB(210, 167, 155) contains.

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Color

R_YB(210, 167, 155)

Conversions

Conversions Part 1

Format	Color
Hex	D2A59B
RGB	210, 165, 155
RGB Percent	82%, 65%, 61%
CMY	0.1765, 0.3535, 0.3922
CMYK	0.00, 0.21, 0.26, 0.18
HSL	11°, 38%, 72%
HSV	11°, 26%, 82%
XYZ	45.9230, 42.9246, 36.8752
YIQ	177.3150, 30.0300, 6.4300

Conversions

Conversions Part 2

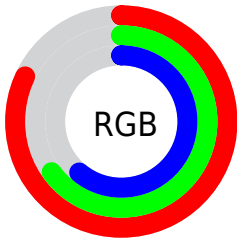
Format	Color
R _Y B	210, 167, 155
Decimal	13804955
CIE Lab	71.50, 15.17, 11.46
CIE LCh	72, 19.014, 37.065
Yxy	42.9246, 0.3653, 0.3414
Android (android.graphics.Color)	4291995035 (0xFFD2A59B)
YUV	177.3150, -11.0013, 28.6647
Hunter-Lab	65.5169, 10.4620, 12.4913

Details

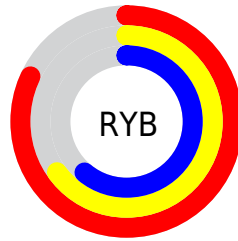
The RYB color **210, 167, 155** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **155, 180, 210**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 223, 209**, and **155, 115, 104** is the 20% darker color. If you saturate the color by 10%, you get **210, 151, 134**, and if you desaturate by 10%, it is **210, 183, 176**.

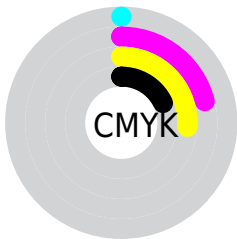
Distribution



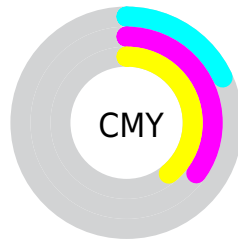
- Red (82%)
- Green (65%)
- Blue (61%)



- Red (82%)
- Yellow (65%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (18%)




- Cyan (18%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 167, 155 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 210, 167, 155 by changing the saturation by 10% instead.


 210, 167, 155

255, 255, 255

 255, 223, 209

 247, 255, 238

 210, 167, 155


 182, 140, 129

 155, 115, 104

 128, 90, 80


 102, 67, 57


 77, 43, 35

 53, 23, 14

 32, 0, 0

 0, 0, 0

 210, 167, 155

 210, 167, 155

■ 210, 151, 134

■ 210, 183, 176

■ 210, 134, 113

■ 210, 199, 197

■ 210, 118, 92

■ 210, 214, 218

■ 210, 101, 71

■ 210, 223, 239

■ 210, 85, 50

■ 210, 231, 255

■ 210, 68, 29

■ 210, 233, 255

■ 210, 52, 8

■ 210, 46, 0

Harmonies

Analogous

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



211, 163, 172



210, 167, 155



200, 193, 144

Triad

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



210, 167, 155



146, 173, 184



161, 172, 209

Complementary

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



210, 167, 155



155, 180, 210

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.



140, 165, 207



210, 167, 155



132, 160, 185

Square

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



210, 167, 155



147, 180, 162



129, 159, 195



183, 169, 203

Rectangle

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



210, 167, 155



167, 190, 141



129, 159, 195



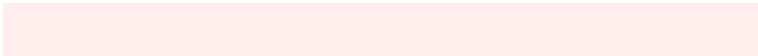
153, 170, 209

Sweetspot

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



210, 167, 155



255, 239, 235



210, 155, 201



128, 117, 115



0, 0, 0



128, 128, 128

Same Dimension

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



210, 167, 155



255, 193, 176



182, 210, 155



105, 96, 94



168, 37, 0



41, 8, 0

Inverse Universe

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



155, 180, 210



176, 212, 255



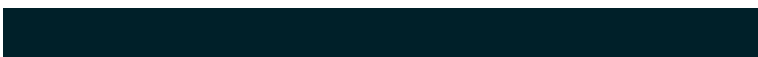
155, 169, 210



94, 99, 105



0, 76, 168



0, 18, 41

Previews

White Background



This preview shows how the RYB color 210, 167, 155 looks on a white background.

Color Contrast Check

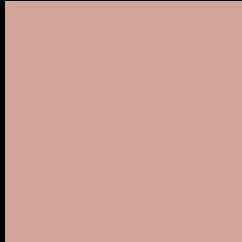
Large Text (above 18pt) WCAG AA × Fail

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 210, 167, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

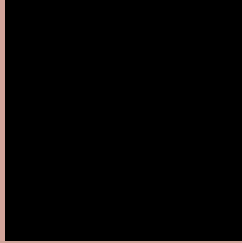
Any Text WCAG AA ✓ Pass

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 210, 167, 155 Background



This preview shows how black text looks on a background with the RYB color 210, 167, 155.

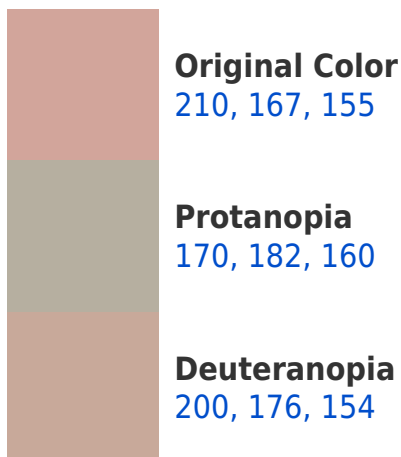



This preview shows how white text looks on a background with the RYB color 210, 167, 155.

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
212, 162, 174

Trichromacy



Original Color
210, 167, 155

Protanomaly
192, 179, 158

Deuteranomaly
204, 172, 154

Tritanomaly
211, 163, 167

Monochromacy



Original Color
210, 167, 155

Achromatopsia
177, 177, 177

Achromatomaly
189, 174, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 167, 155 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(210, 165, 155) looks like.

```
.text, #text, p{  
    color:rgb(210, 165, 155)  
}
```

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(210, 165, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 165, 155) }
```

Border

The CSS property to change the border of an element to RYB 210, 167, 155 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(210, 165, 155) }
```

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

```
.border{ border-color:rgb(210, 165, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 165, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 165, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 165, 155);  
box-shadow:4px 4px 4px 4px rgb(210, 165,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 210, 167, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 165, 155) }
```

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

```
.background{ background-color: rgb(210,  
165, 155) }
```

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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