

Converting Colors

`RYB(202, 154, 143)`

Have a look what the booklet for
RYB(202, 154, 143) contains.

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Color

R_YB(202, 154, 143)

Conversions

Conversions Part 1

Format	Color
Hex	CA988F
RGB	202, 152, 143
RGB Percent	79%, 60%, 56%
CMY	0.2078, 0.4029, 0.4392
CMYK	0.00, 0.25, 0.29, 0.21
HSL	9°, 36%, 68%
HSV	9°, 29%, 79%
XYZ	40.5874, 37.0844, 31.0054
YIQ	165.9240, 32.6890, 7.8010

Conversions

Conversions Part 2

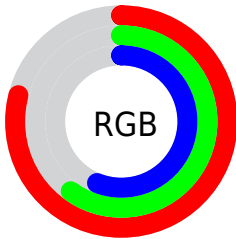
Format	Color
R _Y B	202, 154, 143
Decimal	13277327
CIE Lab	67.34, 17.29, 12.11
CIE LCh	67, 21.113, 35.002
Yxy	37.0844, 0.3735, 0.3412
Android (android.graphics.Color)	4291467407 (0xFFCA988F)
YUV	165.9240, -11.3015, 31.6387
Hunter-Lab	60.8970, 12.3993, 12.4406

Details

The RYB color **202, 154, 143** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **143, 170, 202**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 208, 197**, and **147, 102, 93** is the 20% darker color. If you saturate the color by 10%, you get **202, 137, 123**, and if you desaturate by 10%, it is **202, 170, 163**.

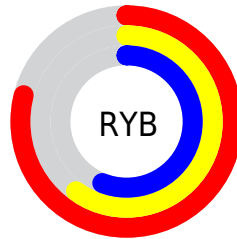
Distribution



Red (79%)

Green (60%)

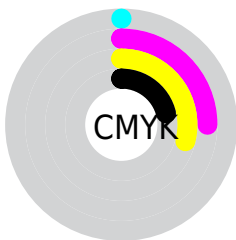
Blue (56%)



Red (79%)

Yellow (60%)

Blue (56%)

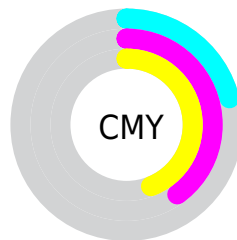


Cyan (0%)

Magenta (25%)

Yellow (29%)

Black (21%)



Cyan (21%)


Magenta (40%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RYB color 202, 154, 143 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 202, 154, 143 by changing the saturation by 10% instead.

 202, 154, 143

 202, 154, 143

255, 255, 255

 174, 128, 117

 255, 209, 197

 147, 102, 93

 255, 240, 225

 120, 78, 69

253, 255, 253

 94, 55, 47


 69, 33, 26


 46, 13, 0

 15, 0, 0


 0, 0, 0

 202, 154, 143

 202, 154, 143

 202, 137, 123


 202, 170, 163

 202, 121, 103

 202, 187, 183

 202, 105, 82

 202, 203, 204

 202, 88, 62

 202, 212, 224

 202, 72, 42

 202, 221, 244

 202, 55, 22

 202, 228, 255

 202, 39, 2

 202, 229, 255

 202, 38, 0

Harmonies

Analogous

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



202, 150, 161



202, 154, 143



192, 178, 130

Triad

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



202, 154, 143



133, 163, 173



146, 160, 201

Complementary

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



202, 154, 143



143, 170, 202

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.



122, 151, 198



202, 154, 143



116, 148, 175

Square

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



202, 154, 143



132, 169, 147



111, 145, 185



171, 158, 195

Rectangle

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



202, 154, 143



155, 181, 126



111, 145, 185



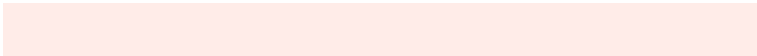
137, 157, 201

Sweetspot

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



202, 154, 143



255, 237, 232



202, 143, 193



128, 117, 113



0, 0, 0



128, 128, 128

Same Dimension

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



202, 154, 143



255, 183, 166



176, 202, 143



102, 93, 92



166, 31, 0



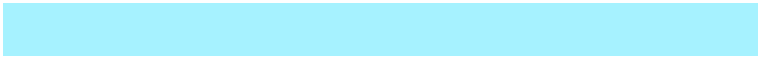
38, 7, 0

Inverse Universe

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



143, 170, 202



166, 207, 255



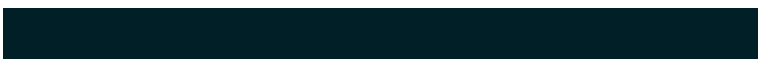
143, 158, 202



92, 96, 102



0, 76, 166



0, 17, 38

Previews

White Background



This preview shows how the RYB color 202, 154, 143 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 202, 154, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

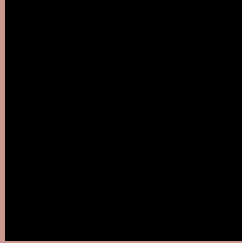
Any Text WCAG AA ✓ Pass

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 202, 154, 143 Background



This preview shows how black text looks on a background with the RYB color 202, 154, 143.

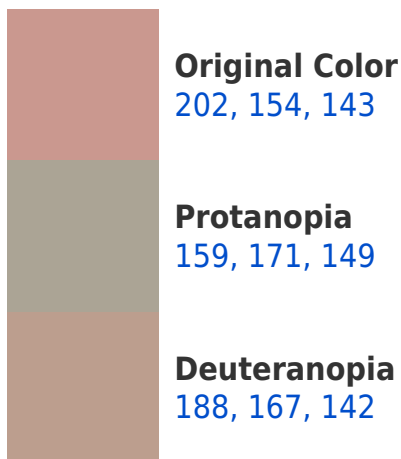


This preview shows how white text looks on a background with the RYB color 202, 154, 143.

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
204, 150, 161

Trichromacy



Original Color

202, 154, 143

Protanomaly

182, 168, 147

Deuteranomaly

193, 161, 142

Tritanomaly

203, 151, 154

Monochromacy



Original Color

202, 154, 143

Achromatopsia

166, 166, 166

Achromatomaly

179, 162, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 154, 143 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(202, 152, 143) looks like.

```
.text, #text, p{  
    color:rgb(202, 152, 143)  
}
```

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(202, 152, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 152, 143) }
```

Border

The CSS property to change the border of an element to RYB 202, 154, 143 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(202, 152, 143) }
```

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

```
.border{ border-color:rgb(202, 152, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 152, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 152, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 152, 143);  
box-shadow:4px 4px 4px 4px rgb(202, 152,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 202, 152, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 152, 143) }
```

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

```
.background{ background-color: rgb(202,  
152, 143) }
```

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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