

Converting Colors

`RYB(218, 154, 151)`

Have a look what the booklet for
RYB(218, 154, 151) contains.

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Color

R_YB(218, 154, 151)

Conversions

Conversions Part 1

Format	Color
Hex	DA9A97
RGB	218, 154, 151
RGB Percent	85%, 60%, 59%
CMY	0.1451, 0.3966, 0.4078
CMYK	0.00, 0.29, 0.31, 0.15
HSL	3°, 48%, 72%
HSV	3°, 31%, 85%
XYZ	46.0337, 40.2086, 34.6129
YIQ	172.7940, 39.1070, 12.6350

Conversions

Conversions Part 2

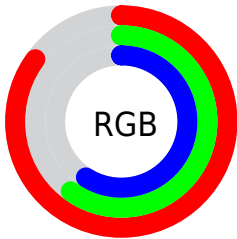
Format	Color
R _Y B	218, 154, 151
Decimal	14326423
CIE Lab	69.62, 23.62, 11.12
CIE LCh	70, 26.104, 25.213
Yxy	40.2086, 0.3809, 0.3327
Android (android.graphics.Color)	4292516503 (0xFFDA9A97)
YUV	172.7940, -10.7444, 39.6457
Hunter-Lab	63.4102, 18.6172, 12.0233

Details

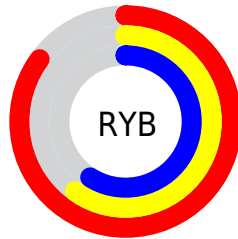
The RYB color **218, 154, 151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **151, 184, 218**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 209, 205**, and **162, 102, 100** is the 20% darker color. If you saturate the color by 10%, you get **218, 133, 129**, and if you desaturate by 10%, it is **218, 175, 173**.

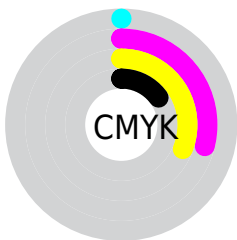
Distribution



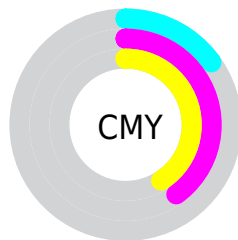
- Red (85%)
- Green (60%)
- Blue (59%)



- Red (85%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (15%)



- Cyan (15%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RYB color 218, 154, 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 218, 154, 151 by changing the saturation by 10% instead.

 218, 154, 151

 218, 154, 151

255, 255, 255

 189, 128, 125

 255, 209, 205

 162, 102, 100

 255, 238, 233

 134, 78, 76

 108, 54, 54


 82, 31, 32

 57, 9, 9

 36, 0, 1


 0, 0, 0

 218, 154, 151

 218, 154, 151

 218, 133, 129

 218, 175, 173

 218, 112, 107


 218, 196, 195

 218, 91, 86


 218, 216, 216

 218, 70, 64

 218, 228, 238

 218, 50, 42

 218, 237, 255

 218, 29, 20

 218, 9, 0

Harmonies

Analogous

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



214, 153, 175



218, 154, 151



209, 174, 132

Triad

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



218, 154, 151



139, 177, 180



135, 161, 217

Complementary

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



218, 154, 151



151, 184, 218

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.



108, 150, 208



218, 154, 151



114, 154, 183

Square

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



218, 154, 151



127, 175, 136



99, 142, 189



169, 165, 213

Rectangle

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



218, 154, 151



185, 198, 125



99, 142, 189



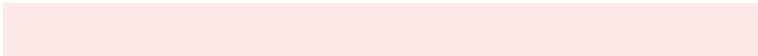
125, 158, 215

Sweetspot

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



218, 154, 151



255, 233, 232



218, 151, 216



128, 114, 113



0, 0, 0



128, 128, 128

Same Dimension

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



218, 154, 151



255, 165, 161



209, 218, 151



110, 99, 99



173, 7, 0



46, 2, 0

Inverse Universe

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



151, 184, 218



161, 207, 255



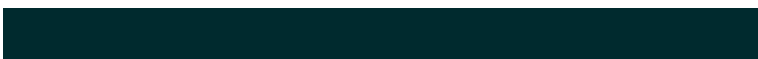
151, 172, 218



99, 104, 110



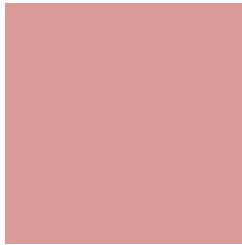
0, 85, 173



0, 22, 46

Previews

White Background



This preview shows how the RYB color 218, 154, 151 looks on a white background.

Color Contrast Check

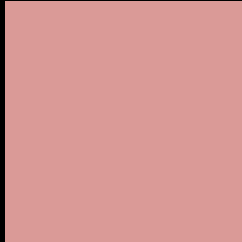
Large Text (above 18pt) WCAG AA × Fail

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 218, 154, 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 218, 154, 151 Background



This preview shows how black text looks on a background with the RYB color 218, 154, 151.

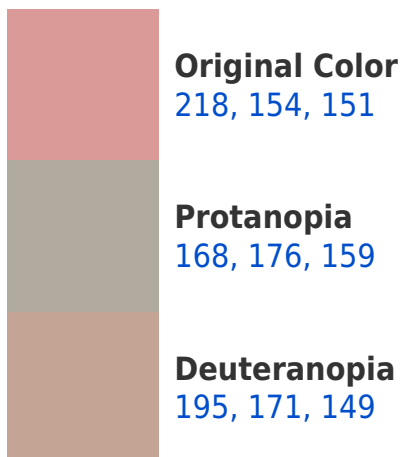


This preview shows how white text looks on a background with the RYB color 218, 154, 151.

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





Tritanopia
219, 152, 164

Trichromacy



Original Color

218, 154, 151

Protanomaly

191, 166, 156

Deuteranomaly

203, 162, 150

Tritanomaly

219, 153, 159

Monochromacy



Original Color

218, 154, 151

Achromatopsia

173, 173, 173

Achromatomaly

189, 166, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 154, 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(218, 154, 151) looks like.

```
.text, #text, p{  
    color:rgb(218, 154, 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(218, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 154, 151) }
```

Border

The CSS property to change the border of an element to RYB 218, 154, 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(218, 154, 151) }
```

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

```
.border{ border-color:rgb(218, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(218, 154,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 218, 154, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 154, 151) }
```

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

```
.background{ background-color: rgb(218,  
154, 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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