

Converting Colors

`RYB(172, 158, 154)`

Have a look what the booklet for
RYB(172, 158, 154) contains.

RYB(172, 158, 154)	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(172, 158, 154)

Conversions

Conversions Part 1

Format	Color
Hex	AC9D9A
RGB	172, 157, 154
RGB Percent	67%, 62%, 60%
CMY	0.3255, 0.3832, 0.3961
CMYK	0.00, 0.09, 0.10, 0.33
HSL	11°, 10%, 64%
HSV	11°, 10%, 67%
XYZ	34.9492, 35.3101, 35.5454
YIQ	161.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

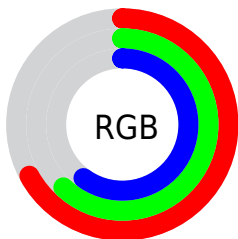
Format	Color
RYB	172, 158, 154
Decimal	11312538
CIELab	65.99, 4.81, 3.65
CIElCh	66, 6.035, 37.209
Yxy	35.3101, 0.3303, 0.3337
Android (android.graphics.Color)	4289502618 (0xFFAC9D9A)
YUV	161.1430, -3.5215, 9.5216
Hunter-Lab	59.4223, 0.9956, 6.1294

Details


The RYB color **172, 158, 154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 162, 172**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **227, 213, 208**, and **120, 107, 103** is the 20% darker color. If you saturate the color by 10%, you get **172, 144, 137**, and if you desaturate by 10%, it is **172, 171, 171**.

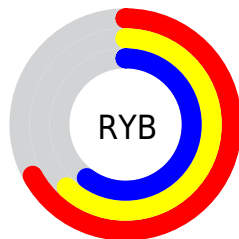
Distribution



 Red (67%)

 Green (62%)

 Blue (60%)



 Red (67%)

 Yellow (62%)

 Blue (60%)

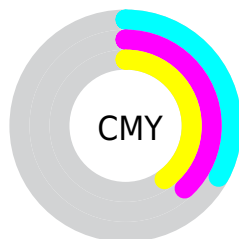



 Cyan (0%)


 Magenta (9%)

 Yellow (10%)

 Black (33%)



 Cyan (33%)

 Magenta (38%)

 Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 158, 154 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 172, 158, 154 by changing the saturation by 10% instead.

 172, 158, 154

255, 255, 255


 227, 213, 208


 255, 241, 237

 172, 158, 154


 145, 132, 128

 120, 107, 103

 95, 83, 79

 71, 60, 56


 48, 37, 35

 28, 17, 13

 0, 0, 0

 172, 158, 154

 172, 144, 137

 172, 158, 154

 172, 171, 171

■ 172, 131, 120

■ 172, 179, 188

■ 172, 118, 102

■ 172, 187, 206

■ 172, 105, 85

■ 172, 195, 223

■ 172, 91, 68

■ 172, 203, 240

■ 172, 78, 51

■ 172, 210, 255

■ 172, 65, 34

■ 172, 214, 255

■ 172, 52, 16

■ 172, 38, 0

Harmonies

Analogous

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



172, 157, 159



172, 158, 154



169, 165, 151

Triad

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



172, 158, 154



152, 160, 163



156, 159, 171

Complementary

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



172, 158, 154



154, 162, 172

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.



151, 158, 170



172, 158, 154



148, 157, 164

Square

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



172, 158, 154



152, 162, 157



148, 156, 167



163, 159, 169

Rectangle

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



172, 158, 154



160, 166, 150



148, 156, 167



154, 159, 171

Sweetspot

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



172, 158, 154



224, 219, 218



172, 154, 169



112, 109, 108



240, 240, 240



112, 112, 112

Same Dimension

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



172, 158, 154



224, 203, 195



163, 172, 154



87, 81, 78



150, 33, 0



23, 5, 0

Inverse Universe

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



154, 162, 172



195, 208, 224



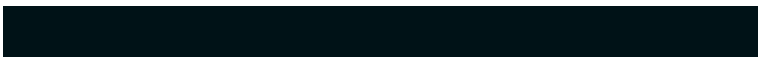
154, 159, 172



78, 82, 87



0, 68, 150



0, 10, 23

Previews

White Background



This preview shows how the RYB color 172, 158, 154 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 172, 158, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

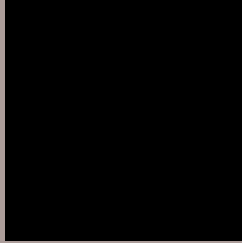
Any Text WCAG AA ✓ Pass

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 172, 158, 154 Background



This preview shows how black text looks on a background with the RYB color 172, 158, 154.



This preview shows how white text looks on a background with the RYB color 172, 158, 154.

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
172, 158, 154

Protanopia
162, 164, 155

Deuteranopia
178, 155, 154



Tritanopia
174, 155, 167

Trichromacy



Original Color

172, 158, 154

Protanomaly

167, 161, 155

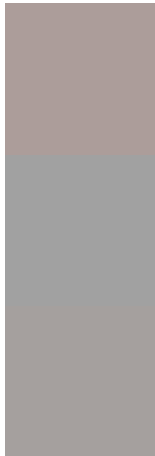
Deuteranomaly

176, 156, 154

Tritanomaly

173, 156, 162

Monochromacy



Original Color

172, 158, 154

Achromatopsia

161, 161, 161

Achromatomaly

165, 161, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 158, 154 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(172, 157, 154) looks like.

```
.text, #text, p{  
    color:rgb(172, 157, 154)  
}
```

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(172, 157, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 157, 154) }
```

Border

The CSS property to change the border of an element to RYB 172, 158, 154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

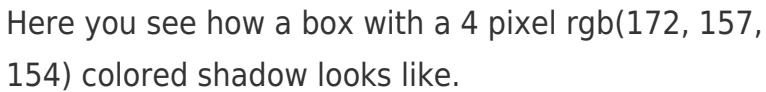
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 157, 154) }
```

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

```
.border{ border-color:rgb(172, 157, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 157, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 157, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 157, 154);  
box-shadow:4px 4px 4px 4px rgb(172, 157,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 172, 158, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 157, 154) }
```

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

```
.background{ background-color: rgb(172,  
157, 154) }
```

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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