

Converting Colors

`RYB(155, 142, 138)`

Have a look what the booklet for
RYB(155, 142, 138) contains.

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Color

R_YB(155, 142, 138)

Conversions

Conversions Part 1

Format	Color
Hex	9B8D8A
RGB	155, 141, 138
RGB Percent	61%, 55%, 54%
CMY	0.3922, 0.4461, 0.4588
CMYK	0.00, 0.09, 0.11, 0.39
HSL	11°, 8%, 57%
HSV	11°, 11%, 61%
XYZ	27.6650, 27.9236, 27.9764
YIQ	144.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

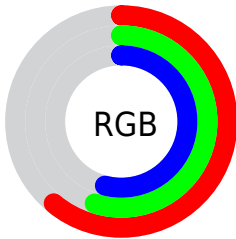
Format	Color
R _Y B	155, 142, 138
Decimal	10194314
CIE Lab	59.82, 4.55, 3.58
CIE LCh	60, 5.789, 38.155
Yxy	27.9236, 0.3311, 0.3342
Android (android.graphics.Color)	4288384394 (0xFF9B8D8A)
YUV	144.8440, -3.3741, 8.9068
Hunter-Lab	52.8428, 0.9761, 5.6002

Details

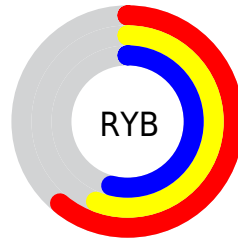
The RYB color **155, 142, 138** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **138, 146, 155**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **210, 196, 191**, and **104, 92, 88** is the 20% darker color. If you saturate the color by 10%, you get **155, 131, 122**, and if you desaturate by 10%, it is **155, 154, 154**.

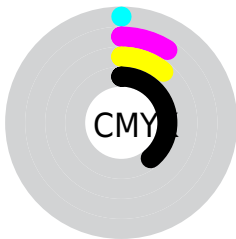
Distribution



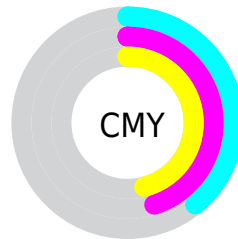
- Red (61%)
- Green (55%)
- Blue (54%)



- Red (61%)
- Yellow (56%)
- Blue (54%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the RYB color 155, 142, 138 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 155, 142, 138 by changing the saturation by 10% instead.

 155, 142, 138

255, 255, 255

 210, 196, 191

 238, 224, 219

 255, 253, 248

 155, 142, 138

 129, 117, 113

 104, 92, 88

 80, 69, 65

 57, 45, 43


 35, 26, 22

 10, 0, 0

 0, 0, 0

 155, 142, 138

 155, 131, 122

 155, 142, 138

 155, 154, 154

■ 155, 118, 107

■ 155, 161, 169

■ 155, 107, 92

■ 155, 168, 185

■ 155, 95, 76

■ 155, 175, 200

■ 155, 84, 60

■ 155, 182, 216

■ 155, 71, 45

■ 155, 189, 231

■ 155, 59, 29

■ 155, 196, 246

■ 155, 47, 14

■ 155, 202, 255

■ 155, 37, 0

■ 155, 205, 255

Harmonies

Analogous

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



155, 141, 143



155, 142, 138



152, 150, 135

Triad

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



155, 142, 138



136, 144, 147



141, 143, 154

Complementary

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



155, 142, 138



138, 146, 155

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.



135, 142, 153



155, 142, 138



132, 140, 147

Square

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



155, 142, 138



136, 146, 141



132, 140, 150



147, 142, 152

Rectangle

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



155, 142, 138



142, 149, 134



132, 140, 150



139, 143, 154

Sweetspot

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



155, 142, 138



201, 198, 195



155, 138, 152



102, 99, 98



230, 230, 230



102, 102, 102

Same Dimension

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



155, 142, 138



201, 181, 175



145, 155, 138



77, 70, 69



140, 33, 0



13, 2, 0

Inverse Universe

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



138, 146, 155



175, 187, 201



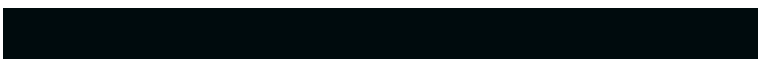
138, 142, 155



69, 72, 77



0, 63, 140



0, 6, 13

Previews

White Background



This preview shows how the RYB color 155, 142, 138 looks on a white background.

Color Contrast Check

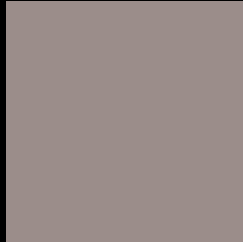
Large Text (above 18pt) WCAG AA ✓ Pass

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 155, 142, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

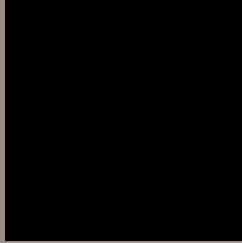
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 155, 142, 138 Background



This preview shows how black text looks on a background with the RYB color 155, 142, 138.



This preview shows how white text looks on a background with the RYB color 155, 142, 138.

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
155, 142, 138

Protanopia
146, 148, 139

Deuteranopia
160, 139, 138



Tritanopia
157, 139, 150

Trichromacy



Original Color

155, 142, 138

Protanomaly

151, 145, 139

Deuteranomaly

158, 140, 138

Tritanomaly

156, 140, 146

Monochromacy



Original Color

155, 142, 138

Achromatopsia

145, 145, 145

Achromatomaly

149, 145, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 142, 138 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(155, 141, 138) looks like.

```
.text, #text, p{  
    color:rgb(155, 141, 138)  
}
```

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(155, 141, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 141, 138) }
```

Border

The CSS property to change the border of an element to RYB 155, 142, 138 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(155, 141, 138) }
```

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

```
.border{ border-color:rgb(155, 141, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 141, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 141, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 141, 138);  
box-shadow:4px 4px 4px 4px rgb(155, 141,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 155, 142, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 141, 138) }
```

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

```
.background{ background-color: rgb(155,  
141, 138) }
```

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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