

Converting Colors

`RYB(158, 148, 152)`

Have a look what the booklet for RYB(158, 148, 152) contains.

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Color

R_YB(158, 148, 152)

Conversions

Conversions Part 1

Format	Color
Hex	9E9498
RGB	158, 148, 152
RGB Percent	62%, 58%, 60%
CMY	0.3804, 0.4196, 0.4039
CMYK	0.00, 0.06, 0.04, 0.38
HSL	336°, 5%, 60%
HSV	336°, 6%, 62%
XYZ	30.3580, 30.7159, 34.0345
YIQ	151.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

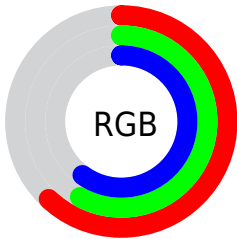
Format	Color
R_{YB}	158, 148, 152
Decimal	10392728
CIE Lab	62.27, 4.42, -0.79
CIE LCh	62, 4.493, 349.885
Yxy	30.7159, 0.3192, 0.3230
Android (android.graphics.Color)	4288582808 (0xFF9E9498)
YUV	151.4460, 0.2731, 5.7479
Hunter-Lab	55.4219, 0.7869, 2.3855

Details

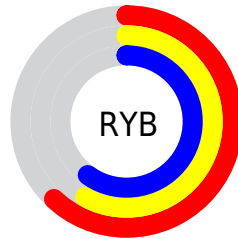
The RYB color **158, 148, 152** is a light color, and the websafe version is hex **999999**. A complement of this color would be **148, 154, 158**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **213, 202, 206**, and **107, 97, 101** is the 20% darker color. If you saturate the color by 10%, you get **158, 132, 143**, and if you desaturate by 10%, it is **158, 162, 164**.

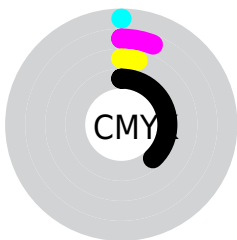
Distribution



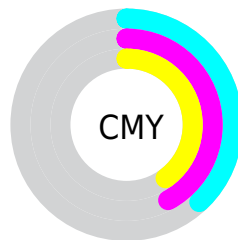
- Red (62%)
- Green (58%)
- Blue (60%)



- Red (62%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 148, 152 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 158, 148, 152 by changing the saturation by 10% instead.


 158, 148, 152

255, 255, 255

 213, 202, 206

 241, 230, 234

 158, 148, 152

 132, 122, 126

 107, 97, 101

 82, 74, 77


 59, 51, 55


 38, 30, 33

 17, 5, 10

 0, 0, 0

 158, 148, 152


 158, 132, 143

 158, 148, 152

 158, 162, 164

 158, 116, 133


 158, 172, 180

 158, 101, 124

 158, 181, 195

 158, 85, 114

 158, 191, 211

 158, 69, 105

 158, 201, 227

 158, 53, 95

 158, 211, 243

 158, 37, 86

 158, 218, 255

 158, 22, 76

 158, 214, 255

 158, 6, 67

 158, 211, 255

Harmonies

Analogous

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



154, 149, 156



158, 148, 152



159, 148, 148

Triad

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



158, 148, 152



143, 151, 143



142, 148, 156

Complementary

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



158, 148, 152



148, 154, 158

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.



141, 147, 153



158, 148, 152



145, 152, 151

Square

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



158, 148, 152



152, 155, 143



143, 149, 153



145, 149, 158

Rectangle

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



158, 148, 152



159, 148, 146



143, 149, 153



141, 147, 155

Sweetspot

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



158, 148, 152



207, 202, 204



154, 148, 158



105, 102, 103



232, 232, 232



105, 105, 105

Same Dimension

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



158, 148, 152



207, 190, 197



158, 149, 148



79, 71, 74



143, 0, 57



15, 0, 6

Inverse Universe

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



158, 148, 152



207, 190, 197



148, 153, 158



79, 71, 74



143, 0, 57



15, 0, 6

Previews

White Background



This preview shows how the RYB color 158, 148, 152 looks on a white background.

Color Contrast Check

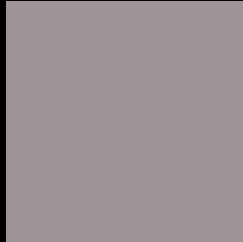
Large Text (above 18pt) WCAG AA × Fail

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 158, 148, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

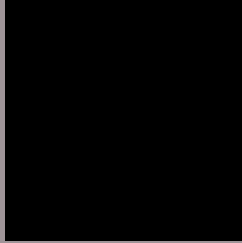
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

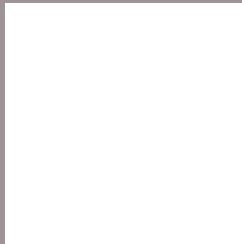
Any Text WCAG AAA ✓ Pass

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

RYB 158, 148, 152 Background



This preview shows how black text looks on a background with the RYB color 158, 148, 152.



This preview shows how white text looks on a background with the RYB color 158, 148, 152.

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

158, 148, 152

Protanopia

152, 150, 153

Deuteranopia

164, 146, 152



Tritanopia
159, 147, 159

Trichromacy



Original Color

158, 148, 152

Protanomaly

154, 149, 153

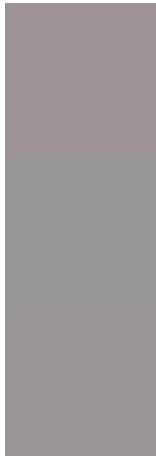
Deuteranomaly

162, 147, 152

Tritanomaly

159, 147, 156

Monochromacy



Original Color

158, 148, 152

Achromatopsia

151, 151, 151

Achromatomaly

154, 150, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 148, 152 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(158, 148, 152) looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 152)  
}
```

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(158, 148, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 152) }
```

Border

The CSS property to change the border of an element to RYB 158, 148, 152 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(158, 148, 152) }
```

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

```
.border{ border-color:rgb(158, 148, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 158, 148, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 152) }
```

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

```
.background{ background-color: rgb(158,  
148, 152) }
```

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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