

Converting Colors

`RYB(142, 151, 143)`

Have a look what the booklet for RYB(142, 151, 143) contains.

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Color

RYB(142, 151, 143)

Conversions

Conversions Part 1

Format	Color
Hex	96978E
RGB	150, 151, 142
RGB Percent	59%, 59%, 56%
CMY	0.4118, 0.4078, 0.4431
CMYK	0.01, 0.00, 0.06, 0.41
HSL	67°, 4%, 57%
HSV	67°, 6%, 59%
XYZ	28.5268, 30.5702, 29.9883
YIQ	149.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

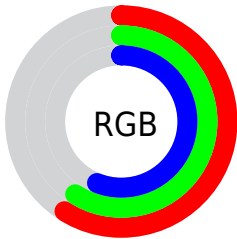
Format	Color
RYB	142, 151, 143
Decimal	9869198
CIELab	62.14, -2.06, 4.60
CIELCh	62, 5.044, 114.081
Yxy	30.5702, 0.3202, 0.3432
Android (android.graphics.Color)	4288059278 (0xFF96978E)
YUV	149.6750, -3.7838, 0.2850
Hunter-Lab	55.2904, -4.6620, 6.5456

Details

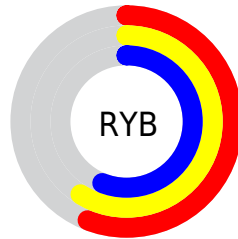
The RYB color **142, 151, 143** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **143, 142, 151**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **196, 205, 197**, and **92, 100, 93** is the 20% darker color. If you saturate the color by 10%, you get **127, 151, 130**, and if you desaturate by 10%, it is **152, 151, 157**.

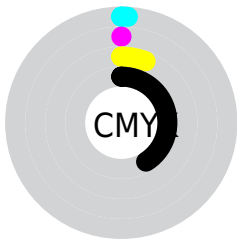
Distribution



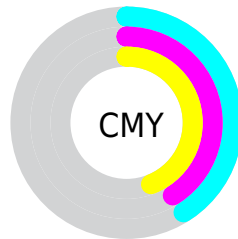
- Red (59%)
- Green (59%)
- Blue (56%)



- Red (56%)
- Yellow (59%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (41%)



- Cyan (41%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 151, 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 142, 151, 143 by changing the saturation by 10% instead.


 142, 151, 143

255, 255, 255


 196, 205, 197


 224, 233, 225

252, 255, 252

 142, 151, 143

 116, 125, 117

 92, 100, 93

 68, 76, 69

 46, 54, 47


 25, 32, 25

 0, 9, 2

 0, 0, 0

 142, 151, 143

 127, 151, 130

 142, 151, 143

 152, 151, 157

■ 112, 151, 116

■ 153, 151, 172

■ 97, 151, 103

■ 155, 151, 187

■ 82, 151, 90

■ 157, 151, 202

■ 67, 151, 76

■ 158, 151, 218

■ 51, 151, 62

■ 160, 151, 233

■ 36, 151, 49

■ 162, 151, 248

■ 21, 151, 35

■ 163, 151, 255

■ 6, 151, 22

■ 165, 151, 255

Harmonies

Analogous

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



149, 155, 141



142, 151, 143



145, 152, 152

Triad

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



142, 151, 143



141, 148, 157



159, 147, 151

Complementary

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



142, 151, 143



143, 142, 151

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.



155, 148, 155



142, 151, 143



145, 149, 159

Square

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



142, 151, 143



139, 146, 154



150, 149, 158



160, 147, 147

Rectangle

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



142, 151, 143



142, 149, 153



150, 149, 158



158, 147, 153

Sweetspot

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



142, 151, 143



192, 196, 192



151, 143, 142



97, 99, 97



227, 227, 227



99, 99, 99

Same Dimension

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



142, 151, 143



183, 196, 184



142, 151, 147



70, 77, 71



0, 140, 15



0, 13, 2

Inverse Universe

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



143, 142, 151



184, 183, 196



147, 142, 151



71, 70, 77



16, 0, 140



1, 0, 13

Previews

White Background



This preview shows how the RYB color 142, 151, 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 142, 151, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

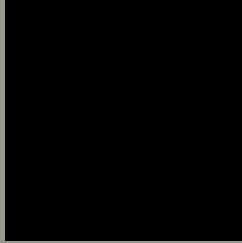
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

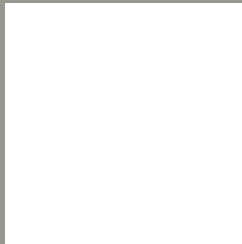
Any Text WCAG AAA ✓ Pass

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

RYB 142, 151, 143 Background



This preview shows how black text looks on a background with the RYB color 142, 151, 143.



This preview shows how white text looks on a background with the RYB color 142, 151, 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



Original Color
142, 151, 143

Protanopia
149, 155, 141

Deuteranopia
167, 145, 143



Tritanopia
153, 148, 160

Trichromacy



Original Color

142, 151, 143

Protanomaly

145, 153, 141

Deuteranomaly

161, 148, 143

Tritanomaly

152, 149, 153

Monochromacy



Original Color

142, 151, 143

Achromatopsia

150, 150, 150

Achromatomaly

147, 150, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 151, 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(150, 151, 142) looks like.

```
.text, #text, p{  
    color:rgb(150, 151, 142)  
}
```

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(150, 151, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 151, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 151, 143 is called "border". The border property can be set on classes, ids or directly on the HTML element.

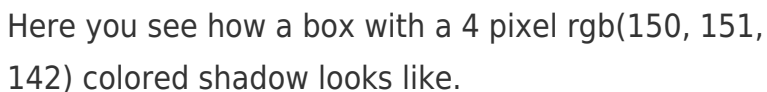
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 151, 142) }
```

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

```
.border{ border-color:rgb(150, 151, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(150, 151, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 151, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 151, 142); box-shadow:4px 4px 4px 4px rgb(150, 151, 142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 151, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 151, 142) }
```

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

```
.background{ background-color: rgb(150,  
151, 142) }
```

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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