

Converting Colors

`RYB(138, 151, 141)`

Have a look what the booklet for
RYB(138, 151, 141) contains.

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Color

R_YB(138, 151, 141)

Conversions

Conversions Part 1

Format	Color
Hex	94978A
RGB	148, 151, 138
RGB Percent	58%, 59%, 54%
CMY	0.4196, 0.4078, 0.4588
CMYK	0.02, 0.00, 0.09, 0.41
HSL	74°, 6%, 57%
HSV	74°, 9%, 59%
XYZ	27.8668, 30.2641, 28.4176
YIQ	148.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

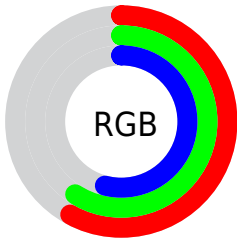
Format	Color
RYB	138, 151, 141
Decimal	9738122
CIELab	61.88, -3.53, 6.47
CIELCh	62, 7.368, 118.642
Yxy	30.2641, 0.3220, 0.3497
Android (android.graphics.Color)	4287928202 (0xFF94978A)
YUV	148.6210, -5.2362, -0.5446
Hunter-Lab	55.0128, -5.8531, 7.8820

Details

The RYB color **138, 151, 141** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **141, 138, 151**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **191, 205, 194**, and **88, 100, 91** is the 20% darker color. If you saturate the color by 10%, you get **123, 151, 129**, and if you desaturate by 10%, it is **151, 151, 153**.

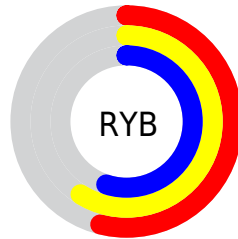
Distribution



Red (58%)

Green (59%)

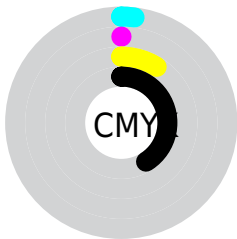
Blue (54%)



Red (54%)

Yellow (59%)

Blue (55%)

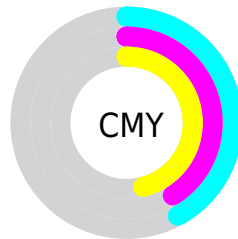


Cyan (2%)

Magenta (0%)

Yellow (9%)

Black (41%)



Cyan (42%)

Magenta (41%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 151, 141 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 138, 151, 141 by changing the saturation by 10% instead.

 138, 151, 141

255, 255, 255

 191, 205, 194


 219, 233, 222


 248, 255, 248

 138, 151, 141

 113, 125, 116

 88, 100, 91

 65, 76, 67

 43, 54, 46

 22, 32, 24


 0, 9, 8

 0, 0, 0

 138, 151, 141

 123, 151, 129

 138, 151, 141

 151, 151, 153

■ 108, 151, 118

■ 155, 151, 168

■ 93, 151, 106

■ 158, 151, 183

■ 78, 151, 95

■ 162, 151, 198

■ 63, 151, 83

■ 165, 151, 214

■ 47, 151, 71

■ 169, 151, 229

■ 32, 151, 59

■ 172, 151, 244

■ 17, 151, 48

■ 176, 151, 255

■ 2, 151, 36

■ 179, 151, 255

Harmonies

Analogous

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



146, 155, 137



138, 151, 141



141, 151, 153

Triad

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



138, 151, 141



136, 146, 160



163, 145, 150

Complementary

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



138, 151, 141



141, 138, 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.



158, 146, 156



138, 151, 141



143, 148, 162

Square

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



138, 151, 141



134, 144, 155



151, 148, 161



164, 145, 143

Rectangle

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



138, 151, 141



137, 147, 153



151, 148, 161



161, 145, 152

Sweetspot

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



138, 151, 141



190, 196, 191



151, 142, 138



95, 99, 95



227, 227, 227



99, 99, 99

Same Dimension

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



138, 151, 141



177, 196, 181



138, 151, 147



69, 77, 71



0, 140, 32



0, 13, 3

Inverse Universe

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



141, 138, 151



181, 177, 196



147, 138, 151



71, 69, 77



32, 0, 140



3, 0, 13

Previews

White Background



This preview shows how the RYB color 138, 151, 141 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 138, 151, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

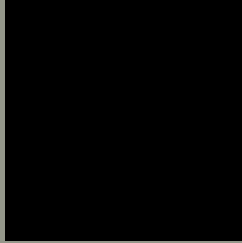
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

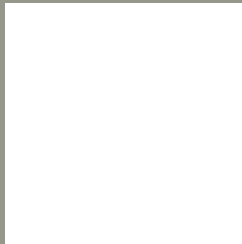
Any Text WCAG AAA ✓ Pass

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

RYB 138, 151, 141 Background



This preview shows how black text looks on a background with the RYB color 138, 151, 141.



This preview shows how white text looks on a background with the RYB color 138, 151, 141.

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

138, 151, 141

Protanopia

146, 155, 137

Deuteranopia

168, 145, 139



Tritanopia
151, 148, 160

Trichromacy



Original Color

138, 151, 141

Protanomaly

139, 152, 137

Deuteranomaly

161, 152, 139

Tritanomaly

150, 149, 152

Monochromacy



Original Color

138, 151, 141

Achromatopsia

149, 149, 149

Achromatomaly

145, 150, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 151, 141 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(148, 151, 138) looks like.

```
.text, #text, p{  
    color:rgb(148, 151, 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(148, 151, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 151, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 151, 141 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(148, 151, 138) }
```

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

```
.border{ border-color:rgb(148, 151, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 151, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 151, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 151, 138);  
box-shadow:4px 4px 4px 4px rgb(148, 151,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 151, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 151, 138) }
```

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

```
.background{ background-color: rgb(148,  
151, 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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