

Converting Colors

`RYB(144, 161, 151)`

Have a look what the booklet for
RYB(144, 161, 151) contains.

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Color

R_YB(144, 161, 151)

Conversions

Conversions Part 1

Format	Color
Hex	9AA190
RGB	154, 161, 144
RGB Percent	60%, 63%, 56%
CMY	0.3961, 0.3686, 0.4353
CMYK	0.04, 0.00, 0.11, 0.37
HSL	85°, 8%, 60%
HSV	85°, 11%, 63%
XYZ	31.1053, 34.3734, 31.3809
YIQ	156.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

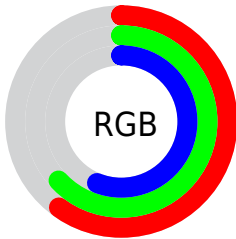
Format	Color
RYB	144, 161, 151
Decimal	10133904
CIELab	65.26, -5.69, 7.99
CIELCh	65, 9.808, 125.435
Yxy	34.3734, 0.3211, 0.3549
Android (android.graphics.Color)	4288323984 (0xFF9AA190)
YUV	156.9690, -6.3937, -2.6038
Hunter-Lab	58.6288, -7.8978, 9.3054

Details

The RYB color **144, 161, 151** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151, 144, 161**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **198, 216, 206**, and **94, 110, 101** is the 20% darker color. If you saturate the color by 10%, you get **128, 161, 142**, and if you desaturate by 10%, it is **160, 161, 160**.

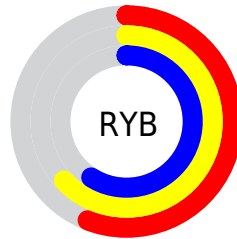
Distribution



Red (60%)

Green (63%)

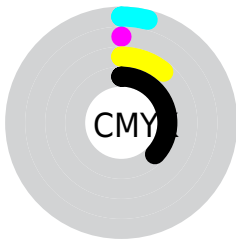
Blue (56%)



Red (56%)

Yellow (63%)

Blue (59%)

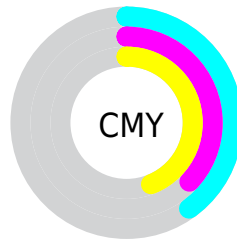


Cyan (4%)

Magenta (0%)

Yellow (11%)

Black (37%)



Cyan (40%)


Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 161, 151 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 144, 161, 151 by changing the saturation by 10% instead.


 144, 161, 151


255, 255, 255


 198, 216, 206

 226, 244, 233

254, 255, 254

 144, 161, 151

 118, 135, 125

 94, 110, 101


 70, 85, 76

 48, 62, 54


 27, 40, 33


 0, 20, 7

 0, 0, 0

 144, 161, 151

 128, 161, 142

 144, 161, 151

 160, 161, 160

■ 112, 161, 132

■ 167, 161, 176

■ 96, 161, 123

■ 174, 161, 192

■ 80, 161, 114

■ 181, 161, 208

■ 64, 161, 104

■ 187, 161, 225

■ 47, 161, 94

■ 194, 161, 241

■ 31, 161, 84

■ 200, 161, 255

■ 15, 161, 75

■ 207, 161, 255

■ 0, 161, 66

■ 214, 161, 255

Harmonies

Analogous

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



149, 164, 141



144, 161, 151



144, 158, 163

Triad

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



144, 161, 151



142, 154, 174



177, 152, 157

Complementary

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



144, 161, 151



151, 144, 161

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.



172, 153, 166



144, 161, 151



151, 157, 176

Square

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



144, 161, 151



137, 151, 168



162, 156, 173



177, 154, 149

Rectangle

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



144, 161, 151



140, 154, 164



162, 156, 173



176, 153, 160

Sweetspot

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



144, 161, 151



203, 209, 205



161, 156, 144



100, 105, 102



232, 232, 232



105, 105, 105

Same Dimension

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



144, 161, 151



182, 209, 193



144, 161, 159



73, 82, 77



0, 145, 60



0, 18, 7

Inverse Universe

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



151, 144, 161



193, 182, 209



159, 144, 161



77, 73, 82



60, 0, 145



7, 0, 18

Previews

White Background



This preview shows how the RYB color 144, 161, 151 looks on a white background.

Color Contrast Check

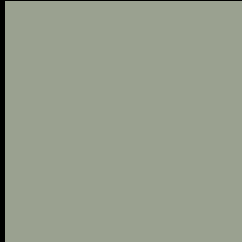
Large Text (above 18pt) WCAG AA × Fail

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 144, 161, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

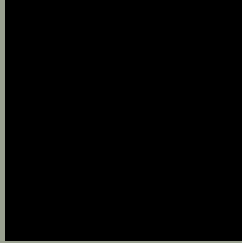
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

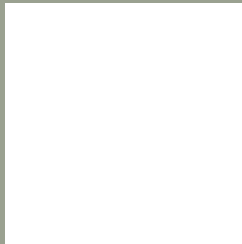
Any Text WCAG AAA ✓ Pass

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

RYB 144, 161, 151 Background



This preview shows how black text looks on a background with the RYB color 144, 161, 151.



This preview shows how white text looks on a background with the RYB color 144, 161, 151.

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
144, 161, 151

Protanopia
152, 165, 142

Deuteranopia
178, 155, 146



Tritanopia
158, 157, 170

Trichromacy



Original Color

144, 161, 151

Protanomaly

145, 161, 143

Deuteranomaly

169, 165, 145

Tritanomaly

157, 158, 161

Monochromacy



Original Color

144, 161, 151

Achromatopsia

157, 157, 157

Achromatomaly

152, 158, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 161, 151 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(154, 161, 144)` looks like.

```
.text, #text, p{  
    color:rgb(154, 161, 144)  
}
```

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(154, 161, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 161, 144) }
```

Border

The CSS property to change the border of an element to RYB 144, 161, 151 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(154, 161, 144) }
```

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

```
.border{ border-color:rgb(154, 161, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 161, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 161, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 161, 144);  
box-shadow:4px 4px 4px 4px rgb(154, 161,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 144, 161, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 161, 144) }
```

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

```
.background{ background-color: rgb(154,  
161, 144) }
```

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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