

Converting Colors

`RYB(161, 183, 153)`

Have a look what the booklet for
RYB(161, 183, 153) contains.

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Color

R_YB(161, 183, 153)

Conversions

Conversions Part 1

Format	Color
Hex	B7B199
RGB	183, 177, 153
RGB Percent	72%, 69%, 60%
CMY	0.2824, 0.3071, 0.4000
CMYK	0.00, 0.03, 0.16, 0.28
HSL	47°, 17%, 66%
HSV	47°, 16%, 72%
XYZ	40.9380, 43.6869, 36.4117
YIQ	176.0580, 11.2800, -6.1920

Conversions

Conversions Part 2

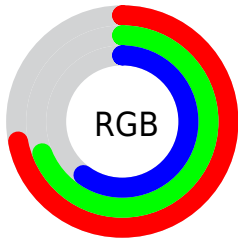
Format	Color
RYB	161, 183, 153
Decimal	12038553
CIELab	72.02, -1.79, 12.93
CIELCh	72, 13.058, 97.880
Yxy	43.6869, 0.3382, 0.3609
Android (android.graphics.Color)	4290228633 (0xFFB7B199)
YUV	176.0580, -11.3676, 6.0881
Hunter-Lab	66.0960, -5.1101, 13.6049

Details

The RYB color **161, 183, 153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153, 158, 183**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **214, 239, 207**, and **108, 130, 102** is the 20% darker color. If you saturate the color by 10%, you get **148, 183, 135**, and if you desaturate by 10%, it is **173, 183, 171**.

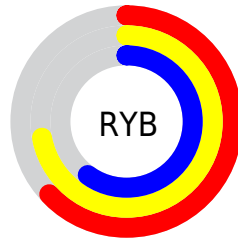
Distribution



Red (72%)

Green (69%)

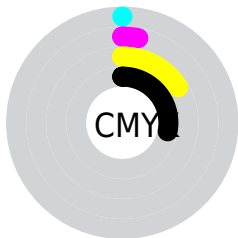
Blue (60%)



Red (63%)

Yellow (72%)

Blue (60%)

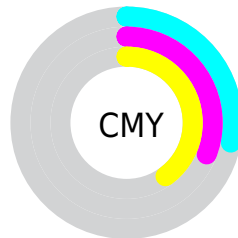


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (28%)



Cyan (28%)


Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 183, 153 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 161, 183, 153 by changing the saturation by 10% instead.

 161, 183, 153


255, 255, 255

 216, 239, 207

 236, 255, 236

 161, 183, 153

 135, 156, 127

 110, 130, 102

 86, 105, 78


 60, 80, 55


 38, 57, 33

 15, 35, 12

 0, 8, 1

 0, 0, 0

 161, 183, 153

 161, 183, 153

■ 148, 183, 135

■ 173, 183, 171

■ 134, 183, 116

■ 183, 184, 190

■ 121, 183, 98

■ 183, 187, 208

■ 108, 183, 80

■ 183, 190, 226

■ 94, 183, 61

■ 183, 194, 244

■ 80, 183, 43

■ 183, 197, 255

■ 67, 183, 25

■ 183, 199, 255

■ 54, 183, 7

■ 183, 202, 255

■ 50, 183, 0

■ 183, 203, 255

Harmonies

Analogous

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



194, 188, 155



161, 183, 153



158, 180, 169

Triad

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



161, 183, 153



147, 167, 191



195, 169, 186

Complementary

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



161, 183, 153



153, 158, 183

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.



183, 172, 195



161, 183, 153



154, 170, 198

Square

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



161, 183, 153



148, 167, 184



168, 174, 200



202, 168, 174

Rectangle

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



161, 183, 153



160, 179, 182



168, 174, 200



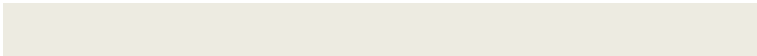
191, 170, 189

Sweetspot

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



161, 183, 153



227, 237, 225



183, 153, 160



116, 120, 113



247, 247, 247



120, 120, 120

Same Dimension

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



161, 183, 153



203, 237, 190



153, 183, 161



86, 92, 83



42, 156, 0



8, 28, 0

Inverse Universe

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



153, 158, 183



190, 198, 237



162, 153, 183



83, 85, 92



0, 27, 156



0, 5, 28

Previews

White Background



This preview shows how the RYB color 161, 183, 153 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 161, 183, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

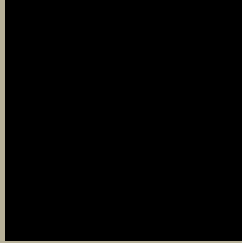
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

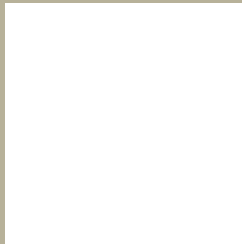
Any Text WCAG AAA ✓ Pass

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

RYB 161, 183, 153 Background



This preview shows how black text looks on a background with the RYB color 161, 183, 153.



This preview shows how white text looks on a background with the RYB color 161, 183, 153.

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
161, 183, 153

Protanopia
166, 185, 153

Deuteranopia
202, 178, 154



Tritanopia
187, 172, 186

Trichromacy



Original Color

161, 183, 153

Protanomaly

164, 184, 153

Deuteranomaly

195, 186, 154

Tritanomaly

186, 174, 174

Monochromacy



Original Color

161, 183, 153

Achromatopsia

176, 176, 176

Achromatomaly

172, 179, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 183, 153 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(183, 177, 153) looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 153)  
}
```

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(183, 177, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 153) }
```

Border

The CSS property to change the border of an element to RYB 161, 183, 153 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(183, 177, 153) }
```

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

```
.border{ border-color:rgb(183, 177, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 177, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 177, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 177, 153);  
box-shadow:4px 4px 4px 4px rgb(183, 177,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 161, 183, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 177, 153) }
```

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

```
.background{ background-color: rgb(183,  
177, 153) }
```

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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