

Converting Colors

`RYB(158, 161, 153)`

Have a look what the booklet for
RYB(158, 161, 153) contains.

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Color

R_YB(158, 161, 153)

Conversions

Conversions Part 1

Format	Color
Hex	A19E99
RGB	161, 158, 153
RGB Percent	63%, 62%, 60%
CMY	0.3686, 0.3807, 0.4000
CMYK	0.00, 0.02, 0.05, 0.37
HSL	37°, 4%, 62%
HSV	37°, 5%, 63%
XYZ	32.6615, 34.3045, 35.0370
YIQ	158.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

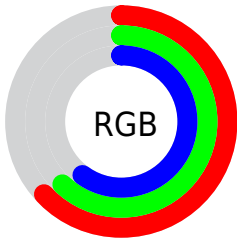
Format	Color
RYB	158, 161, 153
Decimal	10591897
CIELab	65.20, 0.20, 2.95
CIELCh	65, 2.961, 86.115
Yxy	34.3045, 0.3202, 0.3363
Android (android.graphics.Color)	4288781977 (0xFFA19E99)
YUV	158.3270, -2.6262, 2.3442
Hunter-Lab	58.5700, -2.9573, 5.5313

Details

The RYB color **158, 161, 153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153, 155, 161**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **212, 216, 207**, and **105, 109, 102** is the 20% darker color. If you saturate the color by 10%, you get **151, 161, 137**, and if you desaturate by 10%, it is **161, 163, 169**.

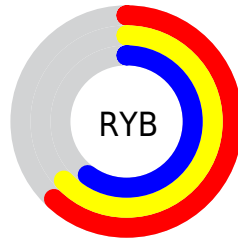
Distribution



Red (63%)

Green (62%)

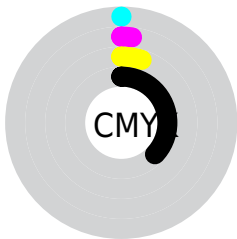
Blue (60%)



Red (62%)

Yellow (63%)

Blue (60%)

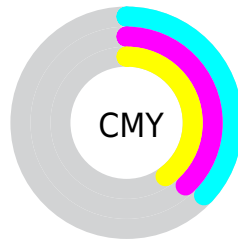


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (37%)



Cyan (37%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 161, 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 158, 161, 153 by changing the saturation by 10% instead.

■ 158, 161, 153

255, 255, 255

■ 214, 216, 207

■ 240, 244, 235

■ 158, 161, 153

■ 132, 135, 127

■ 105, 109, 102

■ 83, 85, 78

■ 60, 62, 55

■ 37, 40, 34

■ 17, 20, 12

■ 0, 0, 0


■ 158, 161, 153


■ 151, 161, 137


■ 158, 161, 153


■ 161, 163, 169


 145, 161, 121


 161, 168, 185


 141, 161, 105


 161, 172, 201


 135, 161, 89


 161, 177, 217


 128, 161, 73

 161, 181, 233


 121, 161, 56

 161, 186, 250


 114, 161, 40

 161, 189, 255

 110, 161, 24

 161, 192, 255

 104, 161, 8

 161, 195, 255

Harmonies

Analogous

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



163, 159, 154



158, 161, 153



153, 159, 154

Triad

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



158, 161, 153



152, 156, 160



161, 157, 161

Complementary

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



158, 161, 153



153, 155, 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.



158, 158, 163



158, 161, 153



153, 157, 163

Square

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



158, 161, 153



153, 157, 160



155, 158, 163



164, 157, 159

Rectangle

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



158, 161, 153



155, 159, 158



155, 158, 163



161, 157, 162

Sweetspot

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



158, 161, 153



209, 209, 207



161, 153, 156



105, 104, 104



232, 232, 232



105, 105, 105

Same Dimension

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



158, 161, 153



206, 209, 197



153, 161, 154



82, 82, 76



91, 145, 0



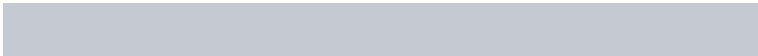
11, 18, 0

Inverse Universe

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



153, 155, 161



197, 200, 209



154, 153, 161



76, 78, 82



0, 40, 145



0, 5, 18

Previews

White Background



This preview shows how the RYB color 158, 161, 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 158, 161, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

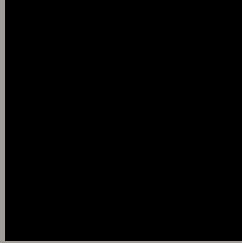
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

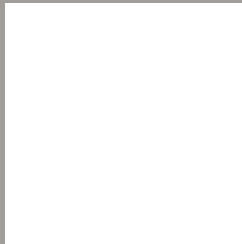
Any Text WCAG AAA ✓ Pass

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

RYB 158, 161, 153 Background



This preview shows how black text looks on a background with the RYB color 158, 161, 153.



This preview shows how white text looks on a background with the RYB color 158, 161, 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
158, 161, 153

Protanopia
160, 162, 153

Deuteranopia
175, 153, 154



Tritanopia
163, 156, 168

Trichromacy



Original Color

158, 161, 153

Protanomaly

160, 162, 153

Deuteranomaly

170, 155, 154

Tritanomaly

162, 157, 163

Monochromacy



Original Color

158, 161, 153

Achromatopsia

158, 158, 158

Achromatomaly

158, 159, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 161, 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(161, 158, 153) looks like.

```
.text, #text, p{  
    color:rgb(161, 158, 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(161, 158, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 158, 153) }
```

Border

The CSS property to change the border of an element to RYB 158, 161, 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(161, 158, 153) }
```

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

```
.border{ border-color:rgb(161, 158, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 158, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 158, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 158, 153);  
box-shadow:4px 4px 4px 4px rgb(161, 158,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 158, 161, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 158, 153) }
```

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

```
.background{ background-color: rgb(161,  
158, 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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