

Converting Colors

`RYB(170, 147, 161)`

Have a look what the booklet for
RYB(170, 147, 161) contains.

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Color

R_YB(170, 147, 161)

Conversions

Conversions Part 1

Format	Color
Hex	AA93A1
RGB	170, 147, 161
RGB Percent	67%, 58%, 63%
CMY	0.3333, 0.4235, 0.3686
CMYK	0.00, 0.14, 0.05, 0.33
HSL	323°, 12%, 62%
HSV	323°, 14%, 67%
XYZ	33.4443, 31.9867, 38.1296
YIQ	155.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

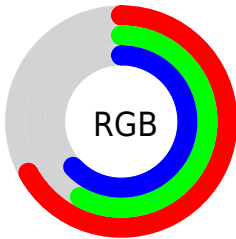
Format	Color
RYB	170, 147, 161
Decimal	11178913
CIELab	63.33, 11.04, -4.19
CIELCh	63, 11.813, 339.214
Yxy	31.9867, 0.3229, 0.3089
Android (android.graphics.Color)	4289368993 (0xFFAA93A1)
YUV	155.4730, 2.7248, 12.7402
Hunter-Lab	56.5568, 6.5799, -0.3825

Details

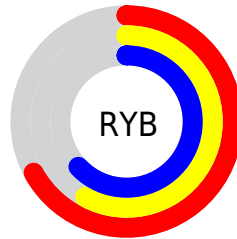
The RYB color **170, 147, 161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **147, 164, 170**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **225, 201, 216**, and **118, 96, 110** is the 20% darker color. If you saturate the color by 10%, you get **170, 130, 154**, and if you desaturate by 10%, it is **170, 164, 168**.

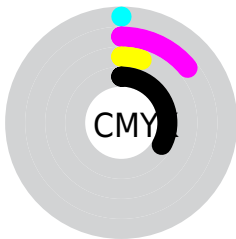
Distribution



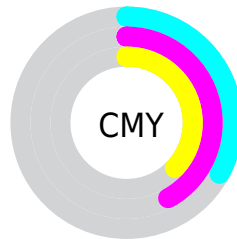
- Red (67%)
- Green (58%)
- Blue (63%)



- Red (67%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 147, 161 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 170, 147, 161 by changing the saturation by 10% instead.

 170, 147, 161

255, 255, 255


 225, 201, 216

 254, 229, 244

 170, 147, 161

 143, 121, 135

 118, 96, 110


 93, 73, 85


 69, 50, 62


 47, 29, 40


 27, 4, 20

 0, 0, 0

 170, 147, 161

 170, 130, 154

 170, 147, 161

 170, 164, 168

■ 170, 113, 148

■ 170, 178, 181

■ 170, 96, 141

■ 170, 190, 198

■ 170, 79, 134

■ 170, 202, 215

■ 170, 62, 128

■ 170, 215, 232

■ 170, 45, 121

■ 170, 227, 249

■ 170, 28, 114

■ 170, 229, 255

■ 170, 11, 108

■ 170, 226, 255

■ 170, 0, 103

■ 170, 223, 255

Harmonies

Analogous

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



159, 150, 170



170, 147, 161



175, 146, 150

Triad

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



170, 147, 161



139, 159, 133



127, 145, 166

Complementary

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



170, 147, 161



147, 164, 170

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.



128, 145, 160



170, 147, 161



137, 157, 148

Square

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



170, 147, 161



169, 163, 134



135, 151, 159



134, 148, 173

Rectangle

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



170, 147, 161



176, 148, 143



135, 151, 159



127, 144, 163

Sweetspot

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



170, 147, 161



222, 213, 218



156, 147, 170



112, 107, 110



240, 240, 240



112, 112, 112

Same Dimension

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



170, 147, 161



222, 186, 208



170, 147, 150



84, 76, 81



148, 0, 90



20, 0, 12

Inverse Universe

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



170, 147, 161



222, 186, 208



147, 159, 170



84, 76, 81



148, 0, 90



20, 0, 12

Previews

White Background



This preview shows how the RYB color 170, 147, 161 looks on a white background.

Color Contrast Check

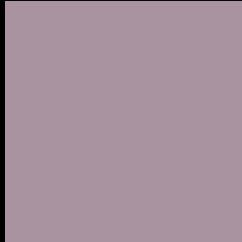
Large Text (above 18pt) WCAG AA × Fail

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 170, 147, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

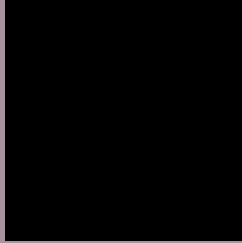
Any Text WCAG AA ✓ Pass

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 170, 147, 161 Background



This preview shows how black text looks on a background with the RYB color 170, 147, 161.



This preview shows how white text looks on a background with the RYB color 170, 147, 161.

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
170, 147, 161

Protanopia
153, 152, 164

Deuteranopia
165, 149, 161



Tritanopia
170, 147, 159

Trichromacy



Original Color

170, 147, 161

Protanomaly

159, 150, 163

Deuteranomaly

167, 148, 161

Tritanomaly

170, 147, 160

Monochromacy



Original Color

170, 147, 161

Achromatopsia

155, 155, 155

Achromatomaly

160, 152, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 147, 161 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(170, 147, 161) looks like.

```
.text, #text, p{  
    color:rgb(170, 147, 161)  
}
```

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(170, 147, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 147, 161) }
```

Border

The CSS property to change the border of an element to RYB 170, 147, 161 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(170, 147, 161) }
```

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

```
.border{ border-color:rgb(170, 147, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 147, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 147, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 147, 161);  
box-shadow:4px 4px 4px 4px rgb(170, 147,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 170, 147, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 147, 161) }
```

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

```
.background{ background-color: rgb(170,  
147, 161) }
```

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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