

Converting Colors

`RYB(181, 170, 173)`

Have a look what the booklet for RYB(181, 170, 173) contains.

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Color

$\text{RYB}(181, 170, 173)$

Conversions

Conversions Part 1

Format	Color
Hex	B5AAAD
RGB	181, 170, 173
RGB Percent	71%, 67%, 68%
CMY	0.2902, 0.3333, 0.3216
CMYK	0.00, 0.06, 0.04, 0.29
HSL	344°, 7%, 69%
HSV	344°, 6%, 71%
XYZ	40.9736, 41.5903, 45.4034
YIQ	173.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

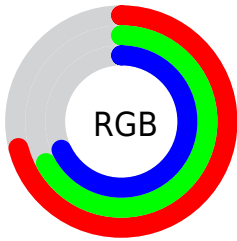
Format	Color
RYB	181, 170, 173
Decimal	11905709
CIELab	70.59, 4.49, -0.13
CIELCh	71, 4.490, 358.339
Yxy	41.5903, 0.3202, 0.3250
Android (android.graphics.Color)	4290095789 (0xFFB5AAAD)
YUV	173.6310, -0.3111, 6.4626
Hunter-Lab	64.4906, 0.5502, 3.4014

Details

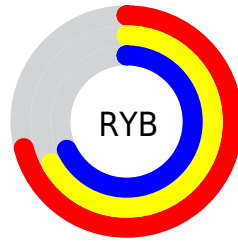
The RYB color **181, 170, 173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 176, 181**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **237, 225, 228**, and **128, 118, 121** is the 20% darker color. If you saturate the color by 10%, you get **181, 152, 160**, and if you desaturate by 10%, it is **181, 185, 188**.

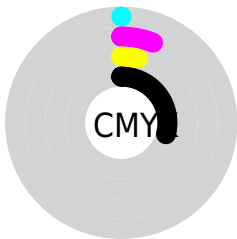
Distribution



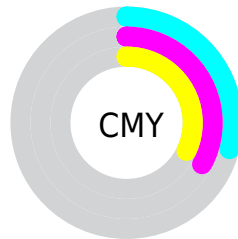
- Red (71%)
- Green (67%)
- Blue (68%)



- Red (71%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 170, 173 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 181, 170, 173 by changing the saturation by 10% instead.

■ 181, 170, 173

255, 255, 255

■ 237, 225, 228

255, 254, 255

■ 181, 170, 173

■ 154, 144, 146

■ 128, 118, 121

■ 103, 93, 96

■ 79, 70, 72

■ 56, 47, 50


■ 35, 27, 29


■ 13, 0, 3


■ 0, 0, 0


■ 181, 170, 173


■ 181, 170, 173

 181, 152, 160


 181, 185, 188

 181, 134, 147


 181, 196, 206


 181, 116, 134

 181, 206, 224


 181, 98, 120


 181, 216, 242


 181, 79, 107

 181, 222, 255


 181, 61, 94

 181, 219, 255

 181, 43, 81

 181, 218, 255

 181, 25, 68

 181, 7, 55

Harmonies

Analogous

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



178, 171, 177



181, 170, 173



182, 170, 169

Triad

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



181, 170, 173



165, 174, 167



165, 170, 179

Complementary

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



181, 170, 173



170, 176, 181

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.



163, 169, 176



181, 170, 173



167, 174, 175

Square

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



181, 170, 173



174, 177, 165



164, 170, 175



168, 172, 181

Rectangle

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



181, 170, 173



181, 173, 167



164, 170, 175



164, 170, 179

Sweetspot

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



181, 170, 173



235, 230, 231



178, 170, 181



117, 115, 116



245, 245, 245



117, 117, 117

Same Dimension

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



181, 170, 173



235, 218, 223



181, 172, 170



89, 82, 84



153, 0, 42



26, 0, 7

Inverse Universe

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



181, 170, 173



235, 218, 223



170, 175, 181



89, 82, 84



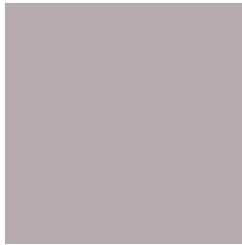
153, 0, 42



26, 0, 7

Previews

White Background



This preview shows how the RYB color 181, 170, 173 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 181, 170, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

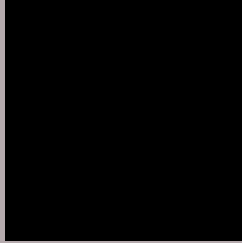
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

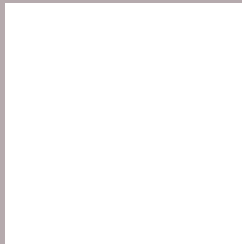
Any Text WCAG AAA ✓ Pass

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

RYB 181, 170, 173 Background



This preview shows how black text looks on a background with the RYB color 181, 170, 173.

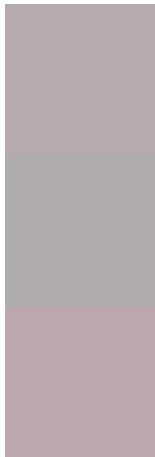


This preview shows how white text looks on a background with the RYB color 181, 170, 173.

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
181, 170, 173

Protanopia
175, 172, 174

Deuteranopia
189, 167, 174



Tritanopia
182, 169, 182

Trichromacy



Original Color

181, 170, 173

Protanomaly

177, 171, 174

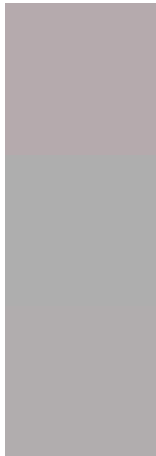
Deuteranomaly

186, 168, 174

Tritanomaly

182, 169, 179

Monochromacy



Original Color

181, 170, 173

Achromatopsia

174, 174, 174

Achromatomaly

177, 173, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 170, 173 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(181, 170, 173) looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 173)  
}
```

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(181, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 173) }
```

Border

The CSS property to change the border of an element to RYB 181, 170, 173 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(181, 170, 173) }
```

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

```
.border{ border-color:rgb(181, 170, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 170, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 181, 170, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 173) }
```

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

```
.background{ background-color: rgb(181,  
170, 173) }
```

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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