

Converting Colors

`RYB(181, 166, 171)`

Have a look what the booklet for
RYB(181, 166, 171) contains.

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Color

R_YB(181, 166, 171)

Conversions

Conversions Part 1

Format	Color
Hex	B5A6AB
RGB	181, 166, 171
RGB Percent	71%, 65%, 67%
CMY	0.2902, 0.3490, 0.3294
CMYK	0.00, 0.08, 0.06, 0.29
HSL	340°, 9%, 68%
HSV	340°, 8%, 71%
XYZ	40.0430, 40.0365, 44.1454
YIQ	171.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

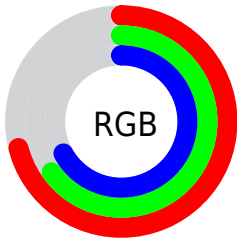
Format	Color
RYB	181, 166, 171
Decimal	11904683
CIELab	69.50, 6.31, -0.62
CIElCh	69, 6.344, 354.390
Yxy	40.0365, 0.3223, 0.3223
Android (android.graphics.Color)	4290094763 (0xFFB5A6AB)
YUV	171.0550, -0.0271, 8.7218
Hunter-Lab	63.2744, 2.2329, 2.9265

Details

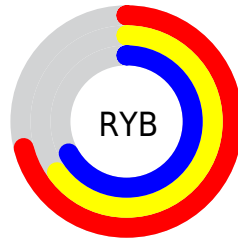
The RYB color **181, 166, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166, 175, 181**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **237, 221, 226**, and **128, 114, 119** is the 20% darker color. If you saturate the color by 10%, you get **181, 148, 159**, and if you desaturate by 10%, it is **181, 183, 184**.

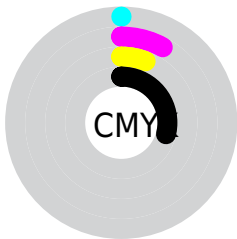
Distribution



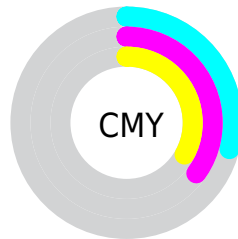
- Red (71%)
- Green (65%)
- Blue (67%)



- Red (71%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (29%)




- Cyan (29%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 166, 171 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, 166, 171 by changing the saturation by 10% instead.


 181, 166, 171

255, 255, 255

 237, 221, 226

 255, 250, 255

 181, 166, 171

 154, 140, 145

 128, 114, 119

 103, 90, 94


 79, 66, 71


 56, 44, 48

 34, 24, 27

 11, 0, 0

 0, 0, 0

 181, 166, 171

 181, 166, 171

181, 148, 159

181, 183, 184

181, 130, 147

181, 194, 202

181, 112, 135

181, 204, 220

181, 94, 123

181, 215, 238

181, 76, 111

181, 225, 255

181, 57, 99

181, 221, 255

181, 39, 87

181, 218, 255

181, 21, 74

181, 3, 62

Harmonies

Analogous

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



176, 167, 176



181, 166, 171



183, 166, 165

Triad

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



181, 166, 171



159, 171, 161



158, 166, 179

Complementary

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



181, 166, 171



166, 175, 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.



156, 165, 174



181, 166, 171



163, 172, 172

Square

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



181, 166, 171



169, 176, 158



158, 167, 173



163, 169, 181

Rectangle

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



181, 166, 171



182, 169, 162



158, 167, 173



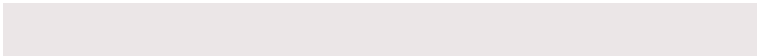
157, 166, 177

Sweetspot

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



181, 166, 171



235, 230, 231



176, 166, 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, 166, 171



235, 211, 219



181, 170, 166



89, 80, 83



153, 0, 51



26, 0, 8

Inverse Universe

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



181, 166, 171



235, 211, 219



166, 173, 181



89, 80, 83



153, 0, 51



26, 0, 9

Previews

White Background



This preview shows how the RYB color 181, 166, 171 looks on a white background.

Color Contrast Check

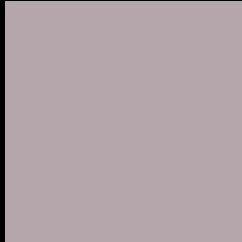
Large Text (above 18pt) WCAG AA × Fail

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, 166, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

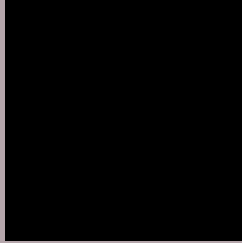
Any Text WCAG AA ✓ Pass

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](#).

R/YB 181, 166, 171 Background



This preview shows how black text looks on a background with the R/YB color 181, 166, 171.



This preview shows how white text looks on a background with the R/YB color 181, 166, 171.

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, 166, 171

Protanopia
172, 169, 173

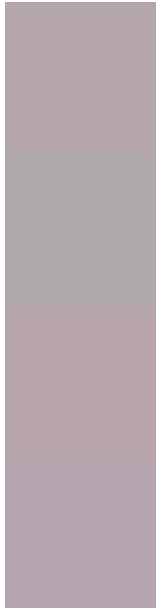
Deuteranopia
185, 164, 171



Tritanopia

182, 165, 178

Trichromacy



Original Color

181, 166, 171

Protanomaly

175, 168, 172

Deuteranomaly

184, 165, 171

Tritanomaly

182, 165, 175

Monochromacy



Original Color

181, 166, 171

Achromatopsia

171, 171, 171

Achromatomaly

175, 169, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 166, 171 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, 166, 171) looks like.

```
.text, #text, p{  
    color:rgb(181, 166, 171)  
}
```

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, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 166, 171) }
```

Border

The CSS property to change the border of an element to RYB 181, 166, 171 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, 166, 171) }
```

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

```
.border{ border-color:rgb(181, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(181, 166,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 181, 166, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 166, 171) }
```

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

```
.background{ background-color: rgb(181,  
166, 171) }
```

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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