

Converting Colors

`RYB(181, 131, 139)`

Have a look what the booklet for
RYB(181, 131, 139) contains.

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Color

R_YB(181, 131, 139)

Conversions

Conversions Part 1

Format	Color
Hex	B5838B
RGB	181, 131, 139
RGB Percent	71%, 51%, 55%
CMY	0.2902, 0.4863, 0.4549
CMYK	0.00, 0.28, 0.23, 0.29
HSL	350°, 25%, 61%
HSV	350°, 28%, 71%
XYZ	31.8326, 27.9204, 28.1375
YIQ	146.8620, 27.2320, 13.0880

Conversions

Conversions Part 2

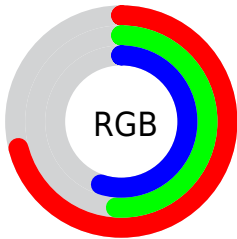
Format	Color
R_{YB}	181, 131, 139
Decimal	11895691
CIE _{Lab}	59.82, 20.43, 3.33
CIE _{LCh}	60, 20.700, 9.251
Y _{xy}	27.9204, 0.3622, 0.3177
Android (android.graphics.Color)	4290085771 (0xFFB5838B)
Y _{UV}	146.8620, -3.8760, 29.9390
Hunter-Lab	52.8398, 15.0651, 5.4156

Details

The RYB color **181, 131, 139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **131, 158, 181**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **238, 184, 192**, and **127, 81, 89** is the 20% darker color. If you saturate the color by 10%, you get **181, 113, 124**, and if you desaturate by 10%, it is **181, 149, 154**.

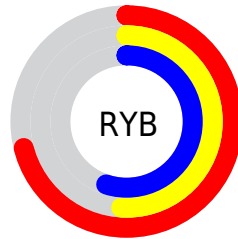
Distribution



Red (71%)

Green (51%)

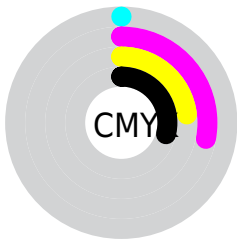
Blue (55%)



Red (71%)

Yellow (51%)

Blue (55%)

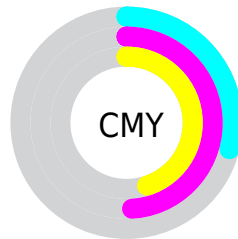


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (29%)



Cyan (29%)


Magenta (49%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the RYB color 181, 131, 139 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, 131, 139 by changing the saturation by 10% instead.


 181, 131, 139


255, 255, 255

 238, 184, 192


 255, 212, 220

 255, 241, 249

 181, 131, 139

 154, 106, 114

 127, 81, 89


 101, 58, 66

 76, 35, 44


 52, 14, 23


 33, 0, 1

 0, 0, 0

 181, 131, 139

 181, 113, 124

 181, 131, 139

 181, 149, 154

181, 95, 109

181, 167, 169

181, 77, 93

181, 183, 185

181, 59, 78

181, 193, 203

181, 40, 63

181, 203, 221

181, 22, 48

181, 213, 240

181, 4, 33

181, 221, 255

181, 0, 29

181, 218, 255

Harmonies

Analogous

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



172, 133, 157



181, 131, 139



179, 136, 122

Triad

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



181, 131, 139



116, 150, 134



106, 133, 178

Complementary

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



181, 131, 139



131, 158, 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.



93, 126, 166



181, 131, 139



111, 139, 153

Square

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



181, 131, 139



116, 152, 108



96, 127, 155



130, 141, 180

Rectangle

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



181, 131, 139



173, 153, 113



96, 127, 155



100, 130, 175

Sweetspot

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



181, 131, 139



235, 216, 219



173, 131, 181



117, 106, 107



245, 245, 245



117, 117, 117

Same Dimension

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



181, 131, 139



235, 157, 170



181, 157, 131



89, 80, 82



153, 0, 24



26, 0, 4

Inverse Universe

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



181, 131, 139



235, 157, 170



131, 151, 181



89, 80, 82



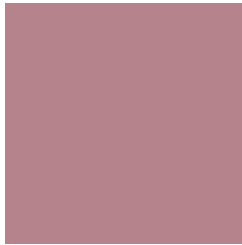
153, 0, 24



26, 0, 4

Previews

White Background



This preview shows how the RYB color 181, 131, 139 looks on a white background.

Color Contrast Check

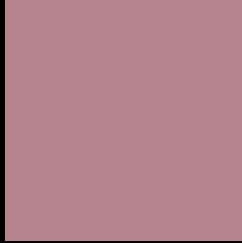
Large Text (above 18pt) WCAG AA ✓ Pass

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, 131, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

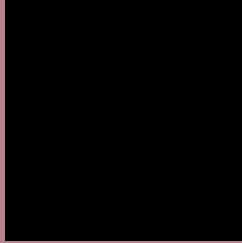
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 181, 131, 139 Background



This preview shows how black text looks on a background with the RYB color 181, 131, 139.




This preview shows how white text looks on a background with the RYB color 181, 131, 139.

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





Tritanopia
181, 131, 141

Trichromacy



Original Color

181, 131, 139

Protanomaly

159, 139, 143

Deuteranomaly

168, 137, 138

Tritanomaly

181, 131, 140

Monochromacy



Original Color

181, 131, 139

Achromatopsia

147, 147, 147

Achromatomaly

159, 141, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 131, 139 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, 131, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 131, 139)  
}
```

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, 131, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 131, 139) }
```

Border

The CSS property to change the border of an element to RYB 181, 131, 139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

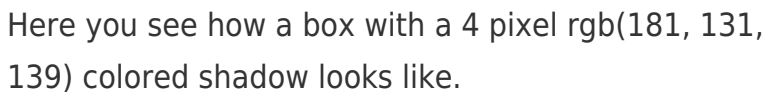
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 131, 139) }
```

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

```
.border{ border-color:rgb(181, 131, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 131, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 131, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 131, 139); box-shadow:4px 4px 4px 4px rgb(181, 131, 139) }
```

Background

The CSS property to change the background color of an element to RYB 181, 131, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 131, 139) }
```

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

```
.background{ background-color: rgb(181,  
131, 139) }
```

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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