

Converting Colors

`RYB(181, 171, 141)`

Have a look what the booklet for
RYB(181, 171, 141) contains.

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Color

$\text{RYB}(181, 171, 141)$

Conversions

Conversions Part 1

Format	Color
Hex	B59E8D
RGB	181, 158, 141
RGB Percent	71%, 62%, 55%
CMY	0.2902, 0.3798, 0.4471
CMYK	0.00, 0.13, 0.22, 0.29
HSL	26°, 21%, 63%
HSV	26°, 22%, 71%
XYZ	36.1150, 36.2493, 30.2927
YIQ	162.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

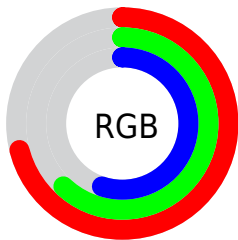
Format	Color
RYB	181, 171, 141
Decimal	11902605
CIELab	66.71, 5.64, 12.04
CIElCh	67, 13.295, 64.900
Yxy	36.2493, 0.3518, 0.3531
Android (android.graphics.Color)	4290092685 (0xFFB59E8D)
YUV	162.9390, -10.8159, 15.8395
Hunter-Lab	60.2074, 1.7091, 12.3141

Details

The RYB color **181, 171, 141** is a light color, and the websafe version is hex **999999**. A complement of this color would be **141, 156, 181**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **237, 227, 195**, and **128, 119, 91** is the 20% darker color. If you saturate the color by 10%, you get **181, 167, 123**, and if you desaturate by 10%, it is **181, 174, 159**.

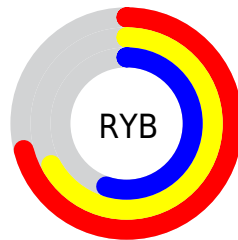
Distribution



Red (71%)

Green (62%)

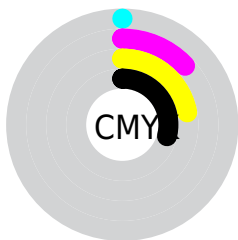
Blue (55%)



Red (71%)

Yellow (67%)

Blue (55%)

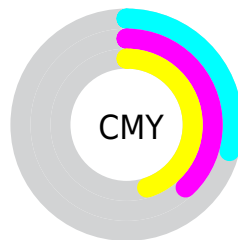


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (29%)



Cyan (29%)


Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 171, 141 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, 171, 141 by changing the saturation by 10% instead.


 181, 171, 141


255, 255, 255

 237, 227, 195

 248, 255, 223

 251, 255, 251

 181, 171, 141

 154, 145, 115

 128, 119, 91


 102, 96, 67


 78, 73, 45


 54, 50, 24


 34, 34, 0


 0, 0, 0


 181, 171, 141


 181, 167, 123


 181, 171, 141


 181, 174, 159


 181, 160, 105


 181, 181, 177


 181, 157, 87


 181, 186, 195


 181, 153, 69


 181, 193, 213


 181, 146, 51

 181, 199, 232


 181, 144, 32


 181, 206, 250

 181, 141, 14

 181, 211, 255

 181, 137, 0

 181, 214, 255

 181, 217, 255

Harmonies

Analogous

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



187, 156, 149



181, 171, 141



150, 170, 139

Triad

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



181, 171, 141



134, 153, 169



167, 159, 182

Complementary

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



181, 171, 141



141, 156, 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.



152, 160, 186



181, 171, 141



132, 152, 175

Square

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



181, 171, 141



143, 161, 168



139, 156, 183



180, 155, 173

Rectangle

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



181, 171, 141



141, 165, 145



139, 156, 183



162, 160, 184

Sweetspot

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



181, 171, 141



235, 230, 218



181, 141, 164



117, 115, 108



245, 245, 245



117, 117, 117

Same Dimension

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



181, 171, 141



235, 218, 171



144, 181, 141



89, 87, 80



153, 116, 0



26, 19, 0

Inverse Universe

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



141, 156, 181



171, 194, 235



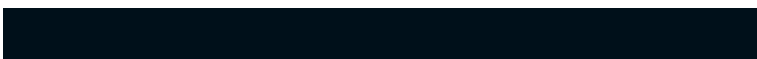
141, 144, 181



80, 83, 89



0, 55, 153



0, 10, 26

Previews

White Background



This preview shows how the RYB color 181, 171, 141 looks on a white background.

Color Contrast Check

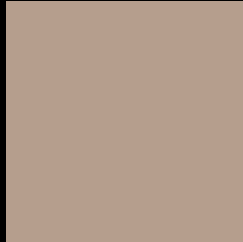
Large Text (above 18pt) WCAG AA × Fail

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, 171, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

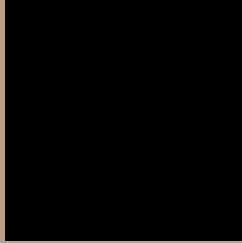
Any Text WCAG AA ✓ Pass

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, 171, 141 Background



This preview shows how black text looks on a background with the RYB color 181, 171, 141.



This preview shows how white text looks on a background with the RYB color 181, 171, 141.

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, 171, 141

Protanopia
154, 170, 143

Deuteranopia
186, 164, 141



Tritanopia
184, 154, 166

Trichromacy



Original Color

181, 171, 141

Protanomaly

164, 174, 142

Deuteranomaly

184, 166, 141

Tritanomaly

183, 156, 157

Monochromacy



Original Color

181, 171, 141

Achromatopsia

163, 163, 163

Achromatomaly

170, 165, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 171, 141 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, 158, 141)` looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 141)  
}
```

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, 158, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 141) }
```

Border

The CSS property to change the border of an element to RYB 181, 171, 141 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, 158, 141) }
```

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

```
.border{ border-color:rgb(181, 158, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 158, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 158, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 158, 141);  
box-shadow:4px 4px 4px 4px rgb(181, 158,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 181, 171, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 158, 141) }
```

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

```
.background{ background-color: rgb(181,  
158, 141) }
```

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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