

Converting Colors

`RYB(181, 164, 146)`

Have a look what the booklet for
RYB(181, 164, 146) contains.

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Color

$\text{RYB}(181, 164, 146)$

Conversions

Conversions Part 1

Format	Color
Hex	B59E92
RGB	181, 158, 146
RGB Percent	71%, 62%, 57%
CMY	0.2902, 0.3808, 0.4275
CMYK	0.00, 0.13, 0.19, 0.29
HSL	20°, 19%, 64%
HSV	20°, 19%, 71%
XYZ	36.4519, 36.3142, 32.2822
YIQ	163.5090, 17.5600, 1.1440

Conversions

Conversions Part 2

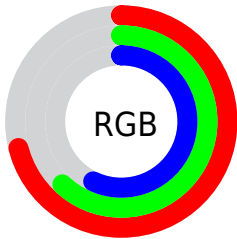
Format	Color
RYB	181, 164, 146
Decimal	11902610
CIELab	66.76, 6.55, 9.33
CIELCh	67, 11.397, 54.921
Yxy	36.3142, 0.3470, 0.3457
Android (android.graphics.Color)	4290092690 (0xFFB59E92)
YUV	163.5090, -8.6319, 15.3396
Hunter-Lab	60.2613, 2.5171, 10.4209

Details

The RYB color **181, 164, 146** is a light color, and the websafe version is hex **999999**. A complement of this color would be **146, 160, 181**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **237, 220, 200**, and **128, 113, 96** is the 20% darker color. If you saturate the color by 10%, you get **181, 155, 128**, and if you desaturate by 10%, it is **181, 173, 164**.

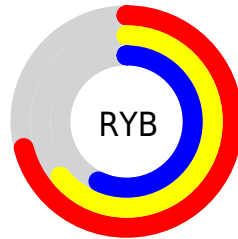
Distribution



Red (71%)

Green (62%)

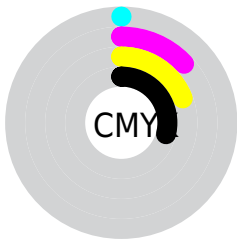
Blue (57%)



Red (71%)

Yellow (64%)

Blue (57%)

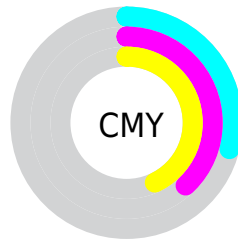


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 164, 146 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, 164, 146 by changing the saturation by 10% instead.


 181, 164, 146

255, 255, 255

 237, 218, 200

 255, 253, 228

 181, 164, 146

 154, 139, 120

 128, 113, 96

 102, 87, 72

 78, 64, 49

 55, 44, 28

 34, 30, 2


 0, 0, 0


 181, 164, 146


 181, 155, 128


 181, 164, 146


 181, 173, 164


 181, 146, 110


 181, 182, 182

 181, 137, 92


 181, 189, 200

 181, 128, 74


 181, 196, 218

 181, 120, 55

 181, 203, 237

 181, 111, 37


 181, 210, 255

 181, 102, 19

 181, 214, 255

 181, 93, 1

 181, 218, 255

 181, 92, 0

 181, 218, 255

Harmonies

Analogous

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



185, 156, 154



181, 164, 146



162, 173, 142

Triad

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



181, 164, 146



140, 156, 168



162, 160, 181

Complementary

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



181, 164, 146



146, 160, 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.



150, 160, 183



181, 164, 146



136, 153, 171

Square

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



181, 164, 146



150, 167, 167



140, 156, 179



174, 157, 174

Rectangle

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



181, 164, 146



145, 165, 143



140, 156, 179



158, 161, 182

Sweetspot

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



181, 164, 146



235, 227, 221



181, 146, 169



117, 114, 109



245, 245, 245



117, 117, 117

Same Dimension

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



181, 164, 146



235, 208, 181



153, 181, 146



89, 85, 80



153, 79, 0



26, 14, 0

Inverse Universe

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



146, 160, 181



181, 202, 235



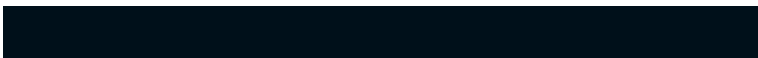
146, 151, 181



80, 84, 89



0, 61, 153



0, 10, 26

Previews

White Background



This preview shows how the RYB color 181, 164, 146 looks on a white background.

Color Contrast Check

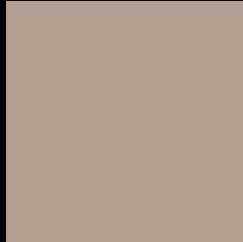
Large Text (above 18pt) WCAG AA × Fail

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, 164, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

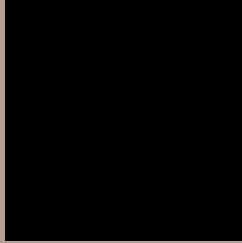
Any Text WCAG AA ✓ Pass

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, 164, 146 Background



This preview shows how black text looks on a background with the RYB color 181, 164, 146.



This preview shows how white text looks on a background with the RYB color 181, 164, 146.

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, 164, 146

Protanopia
159, 169, 148

Deuteranopia
184, 161, 146



Tritanopia
184, 155, 167

Trichromacy



Original Color
181, 164, 146

Protanomaly
169, 173, 147

Deuteranomaly
183, 162, 146

Tritanomaly
183, 156, 159

Monochromacy



Original Color
181, 164, 146

Achromatopsia
163, 163, 163

Achromatomaly
170, 163, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 164, 146 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, 146) looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 146) }
```

Border

The CSS property to change the border of an element to RYB 181, 164, 146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

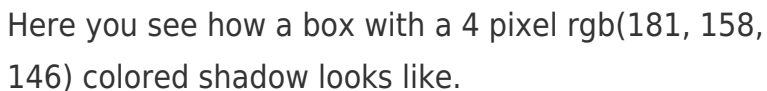
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 158, 146) }
```

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

```
.border{ border-color:rgb(181, 158, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 158, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 158, 146);  
box-shadow:4px 4px 4px 4px rgb(181, 158,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 181, 164, 146 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, 146) }
```

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

```
.background{ background-color: rgb(181,  
158, 146) }
```

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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