

Converting Colors

`RYB(181, 142, 115)`

Have a look what the booklet for
RYB(181, 142, 115) contains.

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Color

R_YB(181, 142, 115)

Conversions

Conversions Part 1

Format	Color
Hex	B58673
RGB	181, 134, 115
RGB Percent	71%, 53%, 45%
CMY	0.2902, 0.4739, 0.5490
CMYK	0.00, 0.26, 0.36, 0.29
HSL	17°, 31%, 58%
HSV	17°, 36%, 71%
XYZ	30.6980, 28.1564, 20.0364
YIQ	145.8870, 34.1110, 4.0550

Conversions

Conversions Part 2

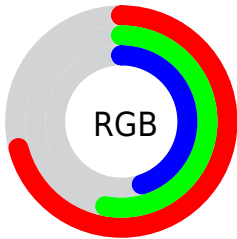
Format	Color
R_{YB}	181, 142, 115
Decimal	11896435
CIE _{Lab}	60.03, 15.34, 17.33
CIE _{LCh}	60, 23.141, 48.485
Yxy	28.1564, 0.3891, 0.3569
Android (android.graphics.Color)	4290086515 (0xFFB58673)
YUV	145.8870, -15.2273, 30.7941
Hunter-Lab	53.0626, 10.4070, 14.7559

Details

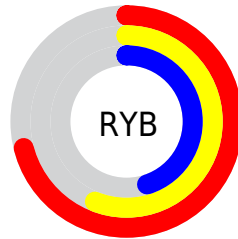
The RYB color **181, 142, 115** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **115, 142, 181**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **238, 195, 167**, and **127, 91, 67** is the 20% darker color. If you saturate the color by 10%, you get **181, 131, 97**, and if you desaturate by 10%, it is **181, 153, 133**.

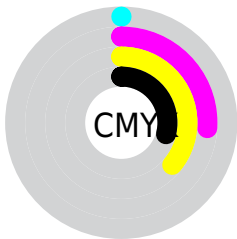
Distribution



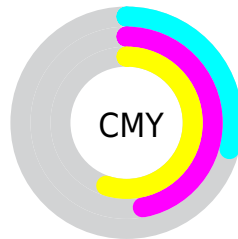
- Red (71%)
- Green (53%)
- Blue (45%)



- Red (71%)
- Yellow (56%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (36%)
- Black (29%)




- Cyan (29%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 142, 115 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, 142, 115 by changing the saturation by 10% instead.

 181, 142, 115


255, 255, 255

 238, 195, 167

 255, 226, 194

 239, 255, 222

 251, 255, 251

 181, 142, 115

 153, 117, 90

 127, 91, 67


 100, 68, 45


 75, 45, 24


 52, 28, 0


 29, 0, 1


 0, 0, 0


 181, 142, 115


 181, 131, 97


 181, 142, 115

 181, 153, 133


 181, 120, 79

 181, 164, 151


 181, 110, 61


 181, 175, 169


 181, 99, 43


 181, 184, 187

 181, 88, 25


 181, 191, 206


 181, 78, 6

 181, 199, 224

 181, 75, 0

 181, 206, 242

 181, 213, 255

 181, 217, 255

Harmonies

Analogous

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



186, 130, 133



181, 142, 115



150, 167, 105

Triad

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



181, 142, 115



101, 135, 156



137, 142, 183

Complementary

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



181, 142, 115



115, 142, 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.



109, 135, 184



181, 142, 115



85, 121, 157

Square

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



181, 142, 115



117, 153, 147



87, 125, 174



163, 135, 172

Rectangle

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



181, 142, 115



115, 154, 104



87, 125, 174



128, 141, 185

Sweetspot

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



181, 142, 115



235, 219, 209



181, 115, 162



117, 107, 102



245, 245, 245



117, 117, 117

Same Dimension

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



181, 142, 115



235, 173, 131



133, 181, 115



89, 85, 80



153, 62, 0



26, 10, 0

Inverse Universe

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



115, 142, 181



131, 174, 235



115, 127, 181



80, 84, 89



0, 64, 153



0, 11, 26

Previews

White Background



This preview shows how the RYB color 181, 142, 115 looks on a white background.

Color Contrast Check

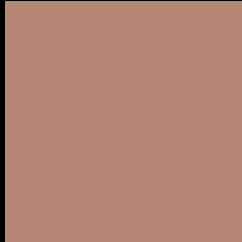
Large Text (above 18pt) WCAG AA ✓ Pass

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, 142, 115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

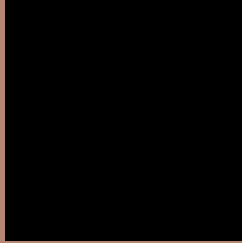
Any Text WCAG AA ✓ Pass

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, 142, 115 Background



This preview shows how black text looks on a background with the RYB color 181, 142, 115.



This preview shows how white text looks on a background with the RYB color 181, 142, 115.

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, 142, 115

Protanopia

131, 153, 120

Deuteranopia

169, 160, 114



Tritanopia
184, 131, 141

Trichromacy



Original Color

181, 142, 115

Protanomaly

161, 163, 118

Deuteranomaly

173, 152, 114

Tritanomaly

183, 132, 132

Monochromacy



Original Color

181, 142, 115

Achromatopsia

146, 146, 146

Achromatomaly

159, 145, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 142, 115 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, 134, 115)` looks like.

```
.text, #text, p{  
    color:rgb(181, 134, 115)  
}
```

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, 134, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 134, 115) }
```

Border

The CSS property to change the border of an element to RYB 181, 142, 115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

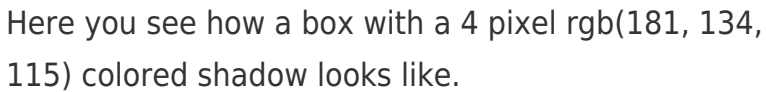
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 134, 115) }
```

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

```
.border{ border-color:rgb(181, 134, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 134, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 134, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 134, 115); box-shadow:4px 4px 4px 4px rgb(181, 134, 115) }
```

Background

The CSS property to change the background color of an element to RYB 181, 142, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 134, 115) }
```

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

```
.background{ background-color: rgb(181,  
134, 115) }
```

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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