

Converting Colors

`RYB(182, 150, 122)`

Have a look what the booklet for
RYB(182, 150, 122) contains.

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Color

R_YB(182, 150, 122)

Conversions

Conversions Part 1

Format	Color
Hex	B68D7A
RGB	182, 141, 122
RGB Percent	71%, 55%, 48%
CMY	0.2863, 0.4467, 0.5216
CMYK	0.00, 0.22, 0.33, 0.29
HSL	19°, 29%, 60%
HSV	19°, 33%, 71%
XYZ	32.3425, 30.4268, 22.5807
YIQ	151.0930, 30.5350, 2.7830

Conversions

Conversions Part 2

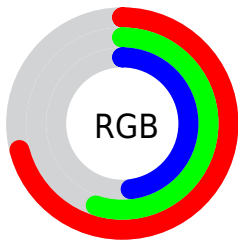
Format	Color
RYB	182, 150, 122
Decimal	11963770
CIELab	62.02, 12.78, 16.14
CIElCh	62, 20.581, 51.628
Yxy	30.4268, 0.3789, 0.3565
Android (android.graphics.Color)	4290153850 (0xFFB68D7A)
YUV	151.0930, -14.3428, 27.1054
Hunter-Lab	55.1605, 8.1300, 14.3412

Details

The RYB color **182, 150, 122** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **122, 146, 182**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **239, 205, 174**, and **128, 100, 73** is the 20% darker color. If you saturate the color by 10%, you get **182, 141, 104**, and if you desaturate by 10%, it is **182, 161, 140**.

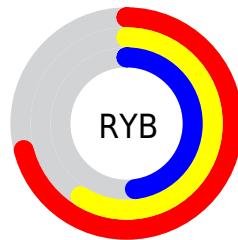
Distribution



Red (71%)

Green (55%)

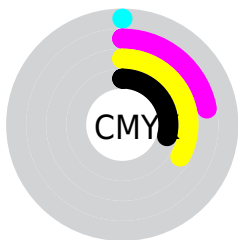
Blue (48%)



Red (71%)

Yellow (59%)

Blue (48%)

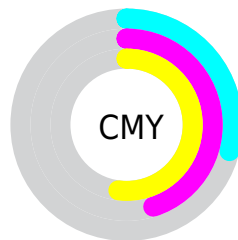


Cyan (0%)

Magenta (22%)

Yellow (33%)

Black (29%)



Cyan (29%)


Magenta (45%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 150, 122 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 182, 150, 122 by changing the saturation by 10% instead.


 182, 150, 122

255, 255, 255

 239, 205, 174

 255, 237, 202

 235, 255, 230

 182, 150, 122

 155, 123, 97

 128, 100, 73

 102, 74, 51


 77, 53, 29


 53, 36, 5


 31, 0, 0

 0, 0, 0

 182, 150, 122

 182, 141, 104

 182, 150, 122

 182, 161, 140


 182, 130, 86

 182, 170, 158


 182, 122, 67

 182, 178, 177

 182, 110, 49

 182, 187, 195

 182, 101, 31

 182, 195, 213

 182, 92, 13

 182, 202, 231

 182, 85, 0

 182, 209, 249

 182, 214, 255

 182, 218, 255

Harmonies

Analogous

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



187, 137, 137



182, 150, 122



148, 168, 114

Triad

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



182, 150, 122



110, 140, 160



146, 147, 184

Complementary

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



182, 150, 122



122, 146, 182

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.



121, 142, 186



182, 150, 122



99, 130, 163

Square

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



182, 150, 122



127, 157, 155



103, 135, 178



168, 141, 173

Rectangle

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



182, 150, 122



120, 156, 114



103, 135, 178



138, 147, 185

Sweetspot

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



182, 150, 122



237, 225, 213



182, 122, 163



120, 113, 105



247, 247, 247



120, 120, 120

Same Dimension

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



182, 150, 122



237, 186, 142



135, 182, 122



92, 88, 83



156, 71, 0



28, 13, 0

Inverse Universe

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



122, 146, 182



142, 181, 237



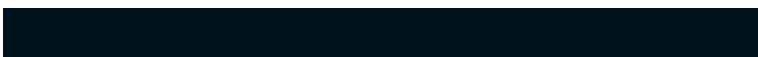
122, 131, 182



83, 87, 92



0, 63, 156



0, 11, 28

Previews

White Background



This preview shows how the RYB color 182, 150, 122 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 182, 150, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

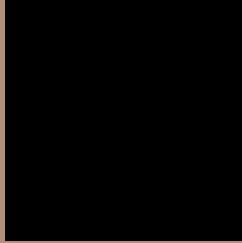
Any Text WCAG AA ✓ Pass

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 182, 150, 122 Background



This preview shows how black text looks on a background with the RYB color 182, 150, 122.



This preview shows how white text looks on a background with the RYB color 182, 150, 122.

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
182, 150, 122

Protanopia
137, 158, 126

Deuteranopia
174, 162, 121



Tritanopia

185, 137, 148

Trichromacy



Original Color

182, 150, 122

Protanomaly

163, 167, 125

Deuteranomaly

177, 157, 121

Tritanomaly

184, 138, 139

Monochromacy



Original Color

182, 150, 122

Achromatopsia

151, 151, 151

Achromatomaly

162, 150, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 150, 122 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(182, 141, 122) looks like.

```
.text, #text, p{  
    color:rgb(182, 141, 122)  
}
```

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(182, 141, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 141, 122) }
```

Border

The CSS property to change the border of an element to RYB 182, 150, 122 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(182, 141, 122) }
```

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

```
.border{ border-color:rgb(182, 141, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 141, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 141, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 141, 122);  
box-shadow:4px 4px 4px 4px rgb(182, 141,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 182, 150, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 141, 122) }
```

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

```
.background{ background-color: rgb(182,  
141, 122) }
```

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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