

Converting Colors

`RYB(181, 124, 122)`

Have a look what the booklet for
RYB(181, 124, 122) contains.

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Color

R_YB(181, 124, 122)

Conversions

Conversions Part 1

Format	Color
Hex	B57C7A
RGB	181, 124, 122
RGB Percent	71%, 49%, 48%
CMY	0.2902, 0.5140, 0.5216
CMYK	0.00, 0.32, 0.33, 0.29
HSL	2°, 29%, 59%
HSV	2°, 33%, 71%
XYZ	29.7683, 25.6278, 21.7900
YIQ	140.8150, 34.6140, 11.4620

Conversions

Conversions Part 2

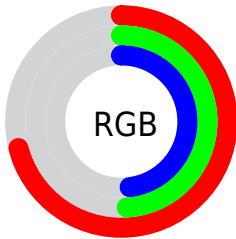
Format	Color
R_{YB}	181, 124, 122
Decimal	11893882
CIE _{Lab}	57.68, 21.96, 10.05
CIE _{LCh}	58, 24.151, 24.599
Yxy	25.6278, 0.3857, 0.3320
Android (android.graphics.Color)	4290083962 (0xFFB57C7A)
YUV	140.8150, -9.2758, 35.2422
Hunter-Lab	50.6239, 16.3715, 9.9165

Details

The RYB color **181, 124, 122** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122, 151, 181**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **238, 177, 174**, and **126, 74, 73** is the 20% darker color. If you saturate the color by 10%, you get **181, 106, 104**, and if you desaturate by 10%, it is **181, 141, 140**.

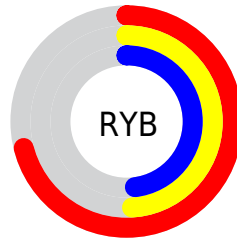
Distribution



Red (71%)

Green (49%)

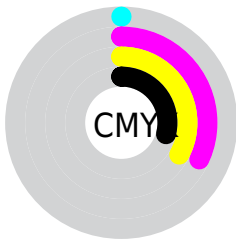
Blue (48%)



Red (71%)

Yellow (49%)

Blue (48%)

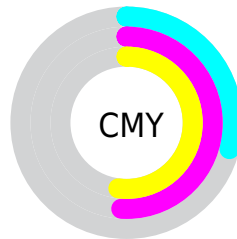


Cyan (0%)

Magenta (32%)

Yellow (33%)

Black (29%)



Cyan (29%)


Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 124, 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 181, 124, 122 by changing the saturation by 10% instead.


 181, 124, 122

255, 255, 255

 238, 177, 174


 255, 205, 202

 255, 233, 230

 181, 124, 122

 153, 99, 97

 126, 74, 73

 100, 51, 51


 75, 29, 30


 51, 7, 5


 25, 0, 1

 0, 0, 0


 181, 124, 122


 181, 106, 104


 181, 124, 122

 181, 141, 140


 181, 89, 86


 181, 159, 158


 181, 71, 68


 181, 176, 176

 181, 54, 50


 181, 188, 194


 181, 36, 31


 181, 196, 213

 181, 19, 13

 181, 205, 231

 181, 6, 0

 181, 214, 249

 181, 218, 255

Harmonies

Analogous

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



177, 123, 143



181, 124, 122



173, 142, 105

Triad

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



181, 124, 122



111, 145, 148



106, 130, 180

Complementary

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



181, 124, 122



122, 151, 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.



81, 119, 172



181, 124, 122



88, 124, 150

Square

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



181, 124, 122



100, 143, 108



74, 113, 155



137, 134, 177

Rectangle

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



181, 124, 122



154, 163, 98



74, 113, 155



96, 126, 179

Sweetspot

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



181, 124, 122



235, 212, 211



181, 122, 180



117, 104, 103



245, 245, 245



117, 117, 117

Same Dimension

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



181, 124, 122



235, 146, 143



179, 181, 122



89, 81, 80



153, 5, 0



26, 1, 0

Inverse Universe

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



122, 151, 181



143, 188, 235



122, 141, 181



80, 85, 89



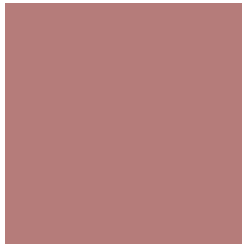
0, 75, 153



0, 13, 26

Previews

White Background



This preview shows how the RYB color 181, 124, 122 looks on a white background.

Color Contrast Check

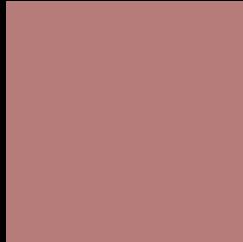
Large Text (above 18pt) WCAG AA ✓ Pass

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, 124, 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 × Fail

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

RYB 181, 124, 122 Background



This preview shows how black text looks on a background with the RYB color 181, 124, 122.



This preview shows how white text looks on a background with the RYB color 181, 124, 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





Tritanopia
182, 122, 132

Trichromacy



Original Color

181, 124, 122

Protanomaly

157, 135, 127

Deuteranomaly

167, 132, 121

Tritanomaly

182, 123, 128

Monochromacy



Original Color

181, 124, 122

Achromatopsia

141, 141, 141

Achromatomaly

156, 135, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 124, 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(181, 124, 122) looks like.

```
.text, #text, p{  
    color:rgb(181, 124, 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(181, 124, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 124, 122) }
```

Border

The CSS property to change the border of an element to RYB 181, 124, 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(181, 124, 122) }
```

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

```
.border{ border-color:rgb(181, 124, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 124, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 124, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 124, 122); box-shadow:4px 4px 4px 4px rgb(181, 124, 122) }
```

Background

The CSS property to change the background color of an element to RYB 181, 124, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 124, 122) }
```

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

```
.background{ background-color: rgb(181,  
124, 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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