

Converting Colors

`RYB(163, 181, 124)`

Have a look what the booklet for
RYB(163, 181, 124) contains.

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Color

R_YB(163, 181, 124)

Conversions

Conversions Part 1

Format	Color
Hex	B59E7C
RGB	181, 158, 124
RGB Percent	71%, 62%, 49%
CMY	0.2902, 0.3810, 0.5137
CMYK	0.00, 0.13, 0.31, 0.29
HSL	36°, 28%, 60%
HSV	36°, 31%, 71%
XYZ	34.8944, 35.6794, 24.1165
YIQ	161.0010, 24.6220, -5.6980

Conversions

Conversions Part 2

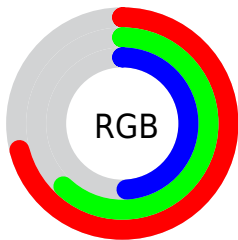
Format	Color
RYB	163, 181, 124
Decimal	11902588
CIELab	66.27, 3.39, 20.84
CIElCh	66, 21.118, 80.760
Yxy	35.6794, 0.3685, 0.3768
Android (android.graphics.Color)	4290092668 (0xFFB59E7C)
YUV	161.0010, -18.2415, 17.5391
Hunter-Lab	59.7323, -0.2554, 17.8747

Details

The RYB color **163, 181, 124** is a light color, and the websafe version is hex **999966**. A complement of this color would be **124, 140, 181**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **219, 238, 177**, and **108, 127, 75** is the 20% darker color. If you saturate the color by 10%, you get **159, 181, 106**, and if you desaturate by 10%, it is **169, 181, 142**.

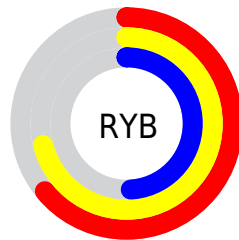
Distribution



Red (71%)

Green (62%)

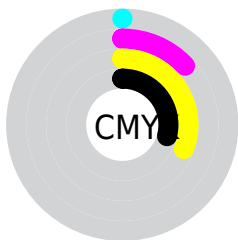
Blue (49%)



Red (64%)

Yellow (71%)

Blue (49%)

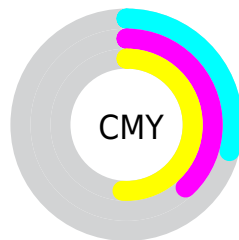


Cyan (0%)

Magenta (13%)

Yellow (31%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 181, 124 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 163, 181, 124 by changing the saturation by 10% instead.


 163, 181, 124

255, 255, 255

 222, 238, 177


 223, 255, 204

 232, 255, 232

 163, 181, 124

 136, 154, 99

 108, 127, 75

 85, 102, 52

 57, 77, 30

 29, 53, 7


 22, 31, 0

 0, 0, 0

 163, 181, 124

 159, 181, 106

 163, 181, 124

 169, 181, 142

152, 181, 88

173, 181, 160

146, 181, 70

180, 181, 178

142, 181, 52

181, 185, 196

134, 181, 33

181, 191, 215

127, 181, 15

181, 196, 233

125, 181, 0

181, 201, 251

181, 205, 255

181, 208, 255

Harmonies

Analogous

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



195, 160, 133



163, 181, 124



125, 164, 128

Triad

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



163, 181, 124



108, 140, 174



180, 152, 185

Complementary

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



163, 181, 124



124, 140, 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.



157, 158, 196



163, 181, 124



112, 145, 190

Square

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



163, 181, 124



120, 151, 172



131, 154, 198



195, 148, 168

Rectangle

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



163, 181, 124



132, 167, 152



131, 154, 198



173, 154, 190

Sweetspot

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



163, 181, 124



228, 235, 213



181, 124, 148



112, 117, 104



245, 245, 245



117, 117, 117

Same Dimension

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



163, 181, 124



208, 235, 145



124, 181, 129



85, 89, 80



104, 153, 0



19, 26, 0

Inverse Universe

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



124, 140, 181



145, 171, 235



129, 124, 181



80, 83, 89



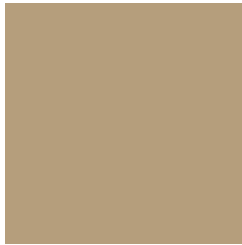
0, 44, 153



0, 7, 26

Previews

White Background



This preview shows how the RYB color 163, 181, 124 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 163, 181, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

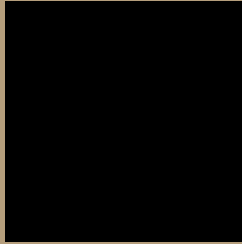
Any Text WCAG AA ✓ Pass

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 163, 181, 124 Background



This preview shows how black text looks on a background with the RYB color 163, 181, 124.



This preview shows how white text looks on a background with the RYB color 163, 181, 124.

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
163, 181, 124

Protanopia
139, 172, 125

Deuteranopia
189, 181, 125



Tritanopia
186, 152, 164

Trichromacy



Original Color

163, 181, 124

Protanomaly

146, 175, 125

Deuteranomaly

184, 186, 125

Tritanomaly

184, 155, 149

Monochromacy



Original Color

163, 181, 124

Achromatopsia

161, 161, 161

Achromatomaly

161, 168, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 181, 124 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 124) }
```

Border

The CSS property to change the border of an element to RYB 163, 181, 124 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, 124) }
```

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

```
.border{ border-color:rgb(181, 158, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 158, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 158, 124);  
box-shadow:4px 4px 4px 4px rgb(181, 158,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 163, 181, 124 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, 124) }
```

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

```
.background{ background-color: rgb(181,  
158, 124) }
```

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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