

Converting Colors

`RYB(161, 181, 121)`

Have a look what the booklet for
RYB(161, 181, 121) contains.

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Color

R_YB(161, 181, 121)

Conversions

Conversions Part 1

Format	Color
Hex	B59D79
RGB	181, 157, 121
RGB Percent	71%, 62%, 47%
CMY	0.2902, 0.3843, 0.5255
CMYK	0.00, 0.13, 0.33, 0.29
HSL	36°, 29%, 59%
HSV	36°, 33%, 71%
XYZ	34.5642, 35.3182, 23.0845
YIQ	160.0720, 25.8600, -6.1080

Conversions

Conversions Part 2

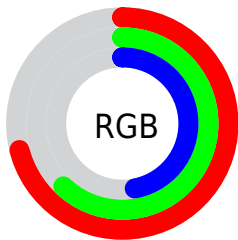
Format	Color
RYB	161, 181, 121
Decimal	11902329
CIELab	66.00, 3.46, 22.11
CIELCh	66, 22.384, 81.110
Yxy	35.3182, 0.3718, 0.3799
Android (android.graphics.Color)	4290092409 (0xFFB59D79)
YUV	160.0720, -19.2625, 18.3539
Hunter-Lab	59.4291, -0.1846, 18.5699

Details

The RYB color **161, 181, 121** is a light color, and the websafe version is hex **999966**. A complement of this color would be **121, 138, 181**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **221, 238, 174**, and **106, 127, 72** is the 20% darker color. If you saturate the color by 10%, you get **154, 181, 103**, and if you desaturate by 10%, it is **168, 181, 139**.

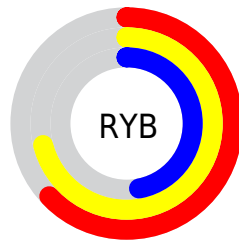
Distribution



Red (71%)

Green (62%)

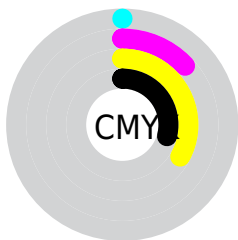
Blue (47%)



Red (63%)

Yellow (71%)

Blue (47%)

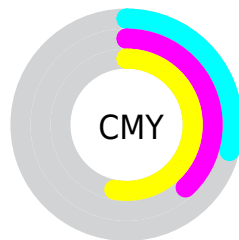


Cyan (0%)

Magenta (13%)

Yellow (33%)

Black (29%)



Cyan (29%)


Magenta (38%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 181, 121 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 161, 181, 121 by changing the saturation by 10% instead.


 161, 181, 121

255, 255, 255

 221, 238, 174

 222, 255, 201

 229, 255, 229

 161, 181, 121

 134, 154, 96

 106, 127, 72

 79, 101, 49


 53, 76, 27


 27, 53, 3


 23, 30, 0


 0, 0, 0

 161, 181, 121

 154, 181, 103


 161, 181, 121


 168, 181, 139


 148, 181, 85


 174, 181, 157


 144, 181, 67


 178, 181, 175


 138, 181, 49

 181, 185, 193


 131, 181, 31


 181, 190, 212


 123, 181, 12

 181, 195, 230

 120, 181, 0

 181, 200, 248

 181, 204, 255

 181, 207, 255

Harmonies

Analogous

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



196, 161, 130



161, 181, 121



123, 164, 127

Triad

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



161, 181, 121



103, 138, 174



180, 151, 186

Complementary

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



161, 181, 121



121, 138, 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.



156, 157, 198



161, 181, 121



108, 143, 191

Square

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



161, 181, 121



116, 149, 171



128, 152, 200



197, 146, 167

Rectangle

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



161, 181, 121



130, 167, 152



128, 152, 200



173, 153, 191

Sweetspot

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



161, 181, 121



228, 235, 211



181, 121, 145



111, 117, 103



245, 245, 245



117, 117, 117

Same Dimension

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



161, 181, 121



205, 235, 141



121, 181, 127



85, 89, 80



101, 153, 0



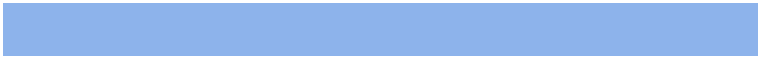
19, 26, 0

Inverse Universe

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



121, 138, 181



141, 168, 235



127, 121, 181



80, 83, 89



0, 44, 153



0, 7, 26

Previews

White Background



This preview shows how the RYB color 161, 181, 121 looks on a white background.

Color Contrast Check

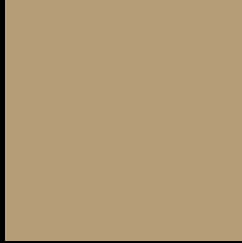
Large Text (above 18pt) WCAG AA × Fail

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 161, 181, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

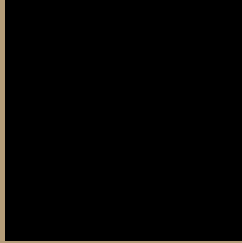
Any Text WCAG AA ✓ Pass

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 161, 181, 121 Background



This preview shows how black text looks on a background with the RYB color 161, 181, 121.



This preview shows how white text looks on a background with the RYB color 161, 181, 121.

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
161, 181, 121

Protanopia
138, 172, 122

Deuteranopia
189, 183, 122



Tritanopia
186, 151, 163

Trichromacy



Original Color

161, 181, 121

Protanomaly

145, 175, 122

Deuteranomaly

182, 186, 122

Tritanomaly

184, 154, 148

Monochromacy



Original Color

161, 181, 121

Achromatopsia

160, 160, 160

Achromatomaly

161, 168, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 181, 121 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, 157, 121)` looks like.

```
.text, #text, p{  
    color:rgb(181, 157, 121)  
}
```

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, 157, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 157, 121) }
```

Border

The CSS property to change the border of an element to RYB 161, 181, 121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

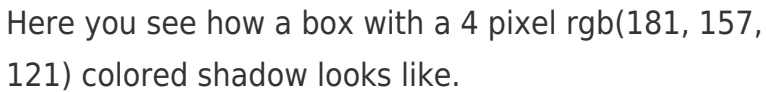
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 157, 121) }
```

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

```
.border{ border-color:rgb(181, 157, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 157, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 157, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 157, 121); box-shadow:4px 4px 4px 4px rgb(181, 157, 121) }
```

Background

The CSS property to change the background color of an element to RYB 161, 181, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 157, 121) }
```

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

```
.background{ background-color: rgb(181,  
157, 121) }
```

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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