

Converting Colors

`RYB(151, 177, 120)`

Have a look what the booklet for
RYB(151, 177, 120) contains.

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Color

R_YB(151, 177, 120)

Conversions

Conversions Part 1

Format	Color
Hex	B19D78
RGB	177, 157, 120
RGB Percent	69%, 62%, 47%
CMY	0.3059, 0.3846, 0.5294
CMYK	0.00, 0.11, 0.32, 0.31
HSL	39°, 27%, 58%
HSV	39°, 32%, 69%
XYZ	33.5651, 34.7902, 22.7154
YIQ	158.7620, 23.7970, -7.2670

Conversions

Conversions Part 2

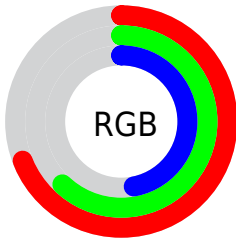
Format	Color
RYB	151, 177, 120
Decimal	11640184
CIELab	65.59, 1.76, 22.05
CIELCh	66, 22.116, 85.444
Yxy	34.7902, 0.3686, 0.3820
Android (android.graphics.Color)	4289830264 (0xFFB19D78)
YUV	158.7620, -19.1097, 15.9947
Hunter-Lab	58.9832, -1.6430, 18.4547

Details

The RYB color **151, 177, 120** is a light color, and the websafe version is hex **999966**. A complement of this color would be **120, 135, 177**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **208, 233, 173**, and **96, 123, 71** is the 20% darker color. If you saturate the color by 10%, you get **142, 177, 102**, and if you desaturate by 10%, it is **160, 177, 138**.

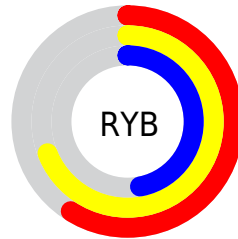
Distribution



Red (69%)

Green (62%)

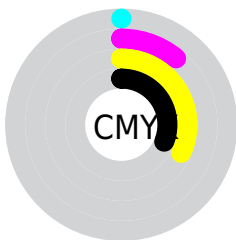
Blue (47%)



Red (59%)

Yellow (69%)

Blue (47%)

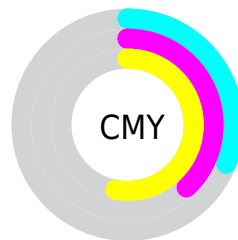


Cyan (0%)

Magenta (11%)

Yellow (32%)

Black (31%)



Cyan (31%)


Magenta (38%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 177, 120 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 151, 177, 120 by changing the saturation by 10% instead.


 151, 177, 120

255, 255, 255

 208, 233, 173

 221, 255, 200

 228, 255, 228

 151, 177, 120


 124, 150, 95

 96, 123, 71


 72, 98, 48

 47, 73, 27


 20, 50, 2


 16, 27, 0

 0, 0, 0

 151, 177, 120

 142, 177, 102

 151, 177, 120

 160, 177, 138

■ 136, 177, 85

■ 168, 177, 155

■ 127, 177, 67

■ 174, 177, 173

■ 118, 177, 49

■ 177, 181, 191

■ 111, 177, 32

■ 177, 185, 209

■ 102, 177, 14

■ 177, 190, 226

■ 95, 177, 0

■ 177, 195, 244

■ 177, 199, 255

■ 177, 202, 255

Harmonies

Analogous

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



193, 162, 127



151, 177, 120



123, 163, 130

Triad

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



151, 177, 120



103, 138, 176



182, 149, 182

Complementary

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



151, 177, 120



120, 135, 177

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.



159, 155, 195



151, 177, 120



109, 143, 191

Square

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



151, 177, 120



113, 146, 170



131, 152, 198



196, 145, 163

Rectangle

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



151, 177, 120



131, 167, 157



131, 152, 198



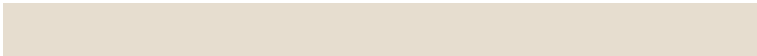
175, 151, 187

Sweetspot

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



151, 177, 120



222, 230, 207



177, 120, 141



109, 115, 101



242, 242, 242



115, 115, 115

Same Dimension

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



151, 177, 120



190, 230, 140



120, 177, 128



85, 89, 80



83, 153, 0



14, 26, 0

Inverse Universe

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



120, 135, 177



140, 164, 230



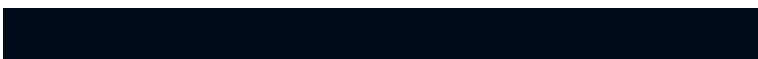
128, 120, 177



80, 82, 89



0, 40, 153



0, 7, 26

Previews

White Background



This preview shows how the RYB color 151, 177, 120 looks on a white background.

Color Contrast Check

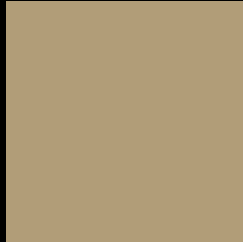
Large Text (above 18pt) WCAG AA × Fail

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 151, 177, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

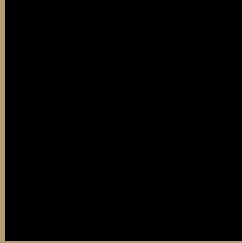
Any Text WCAG AA ✓ Pass

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 151, 177, 120 Background



This preview shows how black text looks on a background with the RYB color 151, 177, 120.



This preview shows how white text looks on a background with the RYB color 151, 177, 120.

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
151, 177, 120

Protanopia
135, 170, 121

Deuteranopia
188, 182, 121



Tritanopia
182, 151, 163

Trichromacy



Original Color

151, 177, 120

Protanomaly

142, 173, 121

Deuteranomaly

178, 184, 121

Tritanomaly

180, 154, 147

Monochromacy



Original Color

151, 177, 120

Achromatopsia

159, 159, 159

Achromatomaly

158, 166, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 177, 120 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(177, 157, 120)` looks like.

```
.text, #text, p{  
    color:rgb(177, 157, 120)  
}
```

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(177, 157, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 157, 120) }
```

Border

The CSS property to change the border of an element to RYB 151, 177, 120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

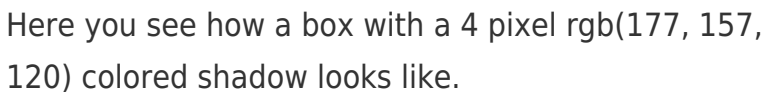
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 157, 120) }
```

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

```
.border{ border-color:rgb(177, 157, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 157, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 157, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 157, 120); box-shadow:4px 4px 4px 4px rgb(177, 157, 120) }
```

Background

The CSS property to change the background color of an element to RYB 151, 177, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 157, 120) }
```

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

```
.background{ background-color: rgb(177,  
157, 120) }
```

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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