

Converting Colors

`RYB(171, 156, 120)`

Have a look what the booklet for
RYB(171, 156, 120) contains.

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Color

R_YB(171, 156, 120)

Conversions

Conversions Part 1

Format	Color
Hex	AB8D78
RGB	171, 141, 120
RGB Percent	67%, 55%, 47%
CMY	0.3294, 0.4467, 0.5294
CMYK	0.00, 0.17, 0.30, 0.33
HSL	25°, 23%, 57%
HSV	25°, 30%, 67%
XYZ	29.7249, 29.0943, 21.8184
YIQ	147.5760, 24.6210, -0.1710

Conversions

Conversions Part 2

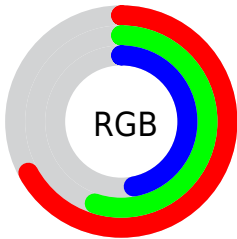
Format	Color
R_{YB}	171, 156, 120
Decimal	11242872
CIE Lab	60.86, 8.08, 15.49
CIE LCh	61, 17.468, 62.466
Yxy	29.0943, 0.3686, 0.3608
Android (android.graphics.Color)	4289432952 (0xFFAB8D78)
YUV	147.5760, -13.5950, 20.5428
Hunter-Lab	53.9391, 3.9748, 13.7745

Details

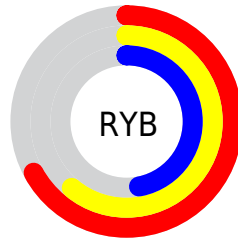
The RYB color **171, 156, 120** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **120, 139, 171**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **227, 212, 172**, and **118, 106, 71** is the 20% darker color. If you saturate the color by 10%, you get **171, 151, 103**, and if you desaturate by 10%, it is **171, 161, 137**.

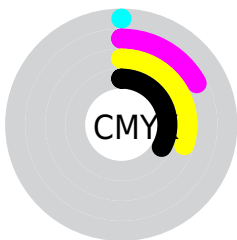
Distribution



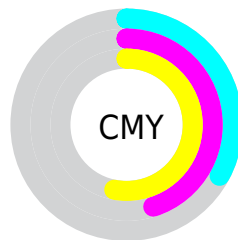
- Red (67%)
- Green (55%)
- Blue (47%)



- Red (67%)
- Yellow (61%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (33%)




- Cyan (33%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 156, 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 171, 156, 120 by changing the saturation by 10% instead.


 171, 156, 120

255, 255, 255

 227, 212, 172

 255, 240, 200

 233, 255, 228

 171, 156, 120

 144, 132, 95

 118, 106, 71

 92, 83, 49


 68, 58, 28


 43, 45, 2


 22, 0, 0

 0, 0, 0

 171, 156, 120

 171, 151, 103

 171, 156, 120

 171, 161, 137

■ 171, 146, 86

■ 171, 166, 154

■ 171, 140, 69

■ 171, 171, 171

■ 171, 135, 52

■ 171, 177, 188

■ 171, 130, 35

■ 171, 184, 205

■ 171, 127, 17

■ 171, 190, 223

■ 171, 121, 0

■ 171, 196, 240

■ 171, 202, 255

■ 171, 206, 255

Harmonies

Analogous

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



178, 138, 131



171, 156, 120



131, 157, 116

Triad

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



171, 156, 120



109, 135, 156



151, 142, 173

Complementary

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



171, 156, 120



120, 139, 171

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.



131, 143, 177



171, 156, 120



105, 132, 163

Square

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



171, 156, 120



123, 147, 154



113, 137, 174



168, 138, 161

Rectangle

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



171, 156, 120



118, 149, 121



113, 137, 174



145, 144, 175

Sweetspot

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



171, 156, 120



222, 215, 202



171, 120, 151



112, 109, 100



240, 240, 240



112, 112, 112

Same Dimension

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



171, 156, 120



222, 198, 142



126, 171, 120



87, 85, 78



150, 106, 0



23, 15, 0

Inverse Universe

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



120, 139, 171



142, 172, 222



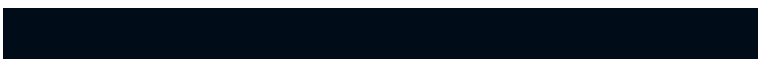
120, 125, 171



78, 81, 87



0, 55, 150



0, 8, 23

Previews

White Background



This preview shows how the RYB color 171, 156, 120 looks on a white background.

Color Contrast Check

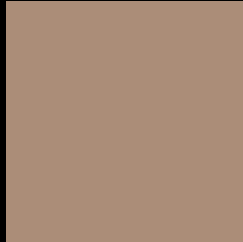
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 156, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

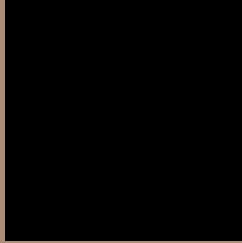
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 171, 156, 120 Background



This preview shows how black text looks on a background with the RYB color 171, 156, 120.




This preview shows how white text looks on a background with the RYB color 171, 156, 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 171, 156, 120
	Protanopia 134, 155, 123
	Deuteranopia 171, 156, 120



Tritanopia
174, 137, 148

Trichromacy



Original Color

171, 156, 120

Protanomaly

149, 161, 122

Deuteranomaly

171, 156, 120

Tritanomaly

173, 138, 138

Monochromacy



Original Color

171, 156, 120

Achromatopsia

148, 148, 148

Achromatomaly

156, 149, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 156, 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(171, 141, 120)` looks like.

```
.text, #text, p{  
    color:rgb(171, 141, 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(171, 141, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 141, 120) }
```

Border

The CSS property to change the border of an element to RYB 171, 156, 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(171, 141, 120) }
```

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

```
.border{ border-color:rgb(171, 141, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 141, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 141, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 141, 120);  
box-shadow:4px 4px 4px 4px rgb(171, 141,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 171, 156, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 141, 120) }
```

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

```
.background{ background-color: rgb(171,  
141, 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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